

beauty & medical equipment



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hadewe Company Profile

Tradition & Innovation

We are a long standing family company, and our decisions are made from heart and mind, and based on experience. At hadewe, traditional aspects are mixed with innovative technology to provide the best possible service for our business partners for over 40 years, and for a long time to come.

The hadewe GmbH was founded in 1967 by Herbert Menzel in Hannover, Germany. We started as a supplier of milling and turning parts for the industry, and used that experience to provide a specialized product portfolio for the dental sector in the early 80s. This led to us being a major manufacturer for the professional podiatry sector. We expanded this position during the 90s, first within the European countries, and later in further international countries, and also as a main brand name in Germany.

Since 2005 the company has been run by Chris and Stephan Menzel, and we have established ourselves to be market leader in the podiatry and beauty fields in many countries all over the world.

Made in Germany

Our service encompasses the whole spectrum of machines required for the foot care sector, ranging from cosmetic beauty to the medical, professional podiatry.

„Made in Germany“ is not just a phrase for hadewe. Many of even the smallest parts are designed and manufactured within our production facilities in Hannover. Our company philosophy includes high quality at reasonable prices, and finding fast, efficient and flexible solutions to react to market demands.

Quality & Certification

The quality structure of our products meets the highest and latest quality requirements. That's why our micro-motor handpieces and control units have also been supported by a quality management system since 1998, which is complying with DIN EN ISO 13485 and Annex II of the Council Directive 93/42/EEC. Our medical devices are therefore Class 2A Medical Devices, and fulfill the high quality standard.

Compare our Medical Devices to those of our competitors and you will be surprised how few of them are actually able to offer real Class 2A devices (and if they are able to, just compare their prices to ours).

Our Products – Your Advantage

For the professional podiatrists it is of extreme importance that they can rely on their drills and equipment, since this will enable them to provide the best service for their customers. hadewe supports that goal by manufacturing easy-to-use drills with the latest technology and highest quality.

Our competent partners all over the world will be happy to help you to find the best suited hadewe machine for your purposes as well.



Our Product Know How - For The Professional Podiatrist

It is our goal to ease the work day of podiatrists worldwide. We use our product know-how to create or establish some innovative technologies, which will help to make a podiatrist's work more efficient.



Spray Handpiece

Finest Spray Atomisation

You will be amazed at the atomising technology from hadewe, which allows for the finest spray mist on the market. Our specialised spray nozzle makes it possible to work with just demineralised (purified) water without alcoholic supplements, which is better for podiatrist and patient. The skin layers are also not attacked as much as they are with alcohol. Our own spray supplement AquaHy can instead be used to kill germs and is odorless.

Spray Handpiece



Suction Handpiece

Powerful Suction Technology

The hadewe suction technology is powerful and efficient. Most of our handpieces have a point or side suction, which is located at the side of the handpiece. The exact positioning of the point suction has proven to be more effective in our tests than the round suction, since it is concentrated directly on the spot where the instrument is used. Although if you prefer a round suction, we also have that for many models. Both technologies guarantee a clean and hygienic work process.

Suction Handpiece

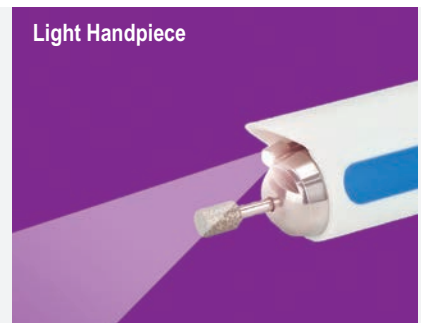


Light Handpiece

Optimum Illumination

Some of our handpieces are equipped with light function. The powerful LED ensures the optimum illumination of the treatment space. We are not only offering light for the spray handpieces, but for suction as well. This is possible, because our light is bright enough to let you see through vacuum dust.

Light Handpiece





Power Clamping System

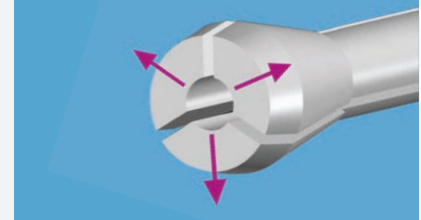
The handpiece is equipped with a unique, patented clamping system. A chuck will open inside the handpiece by pressing the well-known hadewe knob forward. The instrument can now be entered into the unit without any resistance. This is especially important with smaller, sharp edged tools, since they can cause injury, if you need too much force to enter an instrument.

Pushing the knob back again will close the chuck, and the tool will be held very secure, even at high speeds. The tight grip also ensures the low-vibration running of the handpiece for which hadewe is famous. Conventional clamping systems with automatic clamping work with a mechanism in which rolls inside the handpiece wedge the instrument under pressure.

At these systems it is not possible to enter the instrument without resistance.

The handpieces with automatic clamping are also more sensitive to small deviations of tool tolerances. This will lead to higher vibration and poor holding force. That's why the power clamping system is superior in many ways.

Power Clamping System



Ultra-Silent High Performance Suction

According to customer surveys a silent suction is one of the most important criteria to buy a podiatry drill. The motor itself, as well as the quality of sound damping are important factors. The use of different kinds of insulating material makes it possible to reduce a wide spectrum of noise. After all neither a high frequency squeaking nor a dull humming should disturb your treatment.

Regular suction turbines are working with so called brush motors. The brushes are grinding on the turning engine shaft, and this wears them down. This conventional technology has been successfully implemented a thousand times. However, it has the disadvantages of high brushes attrition as well as a larger and heavier construction. The suction turbine implemented in the newer hadewe models (for example Medeas, Auroria and Veloria) is based on a technology without brushes. This method is also used in modern computer ventilators for example. The advantage is less attrition and significantly less weight.

Suction Turbine





Cleaning & Maintenance

A simple and fast maintenance of the most basic components is one of the important qualities of the hadewe handpieces. The chuck can be easily removed with the spanner tool delivered with every unit. Loosen the top of the handpiece, and then turn out the chuck. The whole procedure takes less than one minute.



Filter Classification M

The filter bags 5179 are classified as class M filters by the BIA (Germany's Health and Safety Institute for the work environment), meaning they have a dust retention capacity of 99,9%. We also offer conventional paper filters 5115 for our older models, but these are not to be used with the newer silent units.



Touchscreen

The modern touchscreen display is making work very comfortable for the podiatrist. You have access to pre-selected memory settings and the manual directly on the display. Help videos describe the most important functions (filter exchange, handpiece cleaning, etc.), and individual files (for example treatment pictures) can also be saved and shown.



Optional Foot Switch

Most of our units have an optional foot switch available. You can switch the units on and off by keeping the switch pressed, and further change between pre-selected memory settings, if applicable for the individual unit.

Signs & Symbols Of The Drill Features



Spray Handpiece



Light Handpiece



Suction Handpiece



Power Clamping System



Easy-To-Clean



Micro Filter Class M (BIA)



Touchscreen Device



Noise Level 1 (very low)



Noise Level 2 (low)



Noise Level 3 (normal)



Regular & Reverse Switch (left / right)



Memory Function For Suction Steps



Extra Large Speed Display



Memory Function For Preferred Speed Steps



Brushless Hand Piece Motor



Brushless Suction Turbine



Image Viewer / Tutorial Videos



Display Clock / Date



Display Info Filter Change / Last Inspection





Medical Device (conform to CE 0482)



Foot Switch (optional)

Unit	Article No.	Speed rpm	Total Weight kg	Handpiece Size	Noise Level	Digital Display	Power Clamping System	Regular & Reverse Switch
MEDEAS PLUS								
	0980	40.000	3,0	medium				
MEDEAS CHROME								
	0981	30.000	3,0	small				
AURORIA								
	0976 0776 (MD*)	40.000	2,7	medium				
VELORIA								
	0975 0775 (MD*)	40.000	2,7	medium				
VELORIA CHROME								
	0978	30.000	2,7	small				
ZELOS								
	0974	40.000	4,1	medium				
HELIUS 40								
	0949	40.000	4,0	small				
HELIUS 22								
	0931	22.000	4,0	small				
SB-22								
	0967	22.000	3,8	small				
SB-12								
	0968	12.000	3,8	large				
SB-12 A								
	0969	12.000	3,9	large				

Brushless Handpiece Motor	Light Handpiece	Memory Speed	Memory Suction	Touchscreen	Image Viewer Tutorial Videos	Display Date / Clock	Maintenance Display	Foot Switch (optional)	Medical Device*2
MEDEAS PLUS									
									
MEDEAS CHROME									
									
AURORIA									
									
VELORIA									
									
VELORIA CHROME									
									
ZELOS									
									
HELIUS 40									
									
HELIUS 22									
									
SB-22									
									
SB-12									
									
SB-12 A									
									

*2 EU-medical device and CE product classification: Class 2A Medical Device Equipment conform to 93/42/EEC, EN 60601-1; CE 0482.

Suction Unit Medeas

Hadewe Smart Displays Are Breaking New Barriers For Podiatry

The suction unit Medeas creates a new standard by meeting the highest requirements. Modern, unique, and equipped with a couple of technical finesses it offers secure and clean work.

The modern touch screen display makes work much easier in many ways. Preferred speeds are to be seen directly on the display.

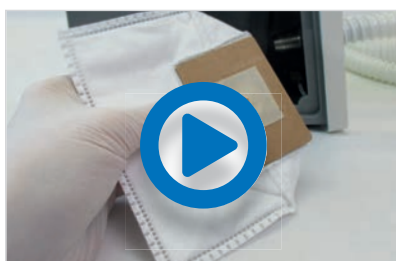
Help videos describe the most important features and make the first steps foolproof. Instructions (e.g. change filter bags, clean chuck, etc.) can be displayed on the monitor.

With the help of an USB stick you can show your clients your own pictures; for example to illustrate their treatment progresses.

Regarding the handpiece you have two choices as the Medeas can be supplied with either an all-round suction with automatic clamping, or the established side suction with hadewe knob clamping.



TOUCHSCREEN



VIDEO-TUTORIALS

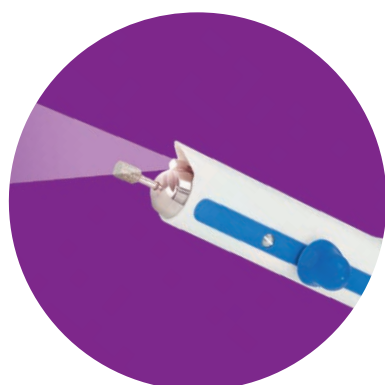


HANDPIECE WITH LIGHT

Handpieces You Have The Choice

The Medeas is available with 2 different handpieces. The main difference is the shape and the way of inserting the burs. The following list gives you a guidance which handpiece is the best for your purposes.

The Plus handpiece uses the superior hadewe clamping system, which holds tools strong at even high speeds of 40.000 rpm, and prevents instruments from slipping out. The Chrome handpiece uses the market common automatic clamping system, which has a smaller handpiece, but is best used at speeds only up to 30.000 rpm to ensure that tools hold tight and are not negatively influenced by small deviations.



Handpiece Comparison		
Part number of the handpieces	6272	6400
Name of device	Medeas Plus	Medeas Chrome
Maximum speed	40.000 rpm	30.000 rpm
Inserting burs	hadewe Power Clamping	Automatic Clamping
Holding force of burs	+++	++
Inserting burs without resistance	+++	++
Light at handpiece	Yes	No
On/off button at handpiece	Yes	No
Size/weight of handpiece	++	+++
Suction	+++	+++
Torque of motor	+++	+++

+++ very good ++ good

Suction Unit **Medeas** in Detail

Speed

Choose speed between 6.000 and 40.000 rpm with keys + and –

Smart Help

Access directions and help videos directly on the display and see treatment pictures of your clients or example pictures.



Quick Access

Save and call up speed and suction capacity.

Dustfree

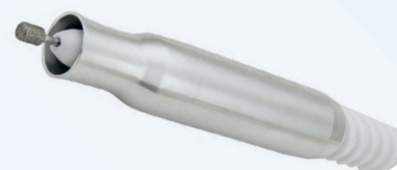
Set suction capacity in 5 steps. Filter bags are approved by the BIA (German Institute for Health and Safety in work environment).

Useful Info

The display features useful info such as suction setting, current date and time, and indicates when it is time for a filter change or inspection.

All-Round Suction

The unit is also available with all round suction and automatic clamping.



Handpiece Holder

Open, easy to clean handpiece holder directly attached to the unit.

Smart Key

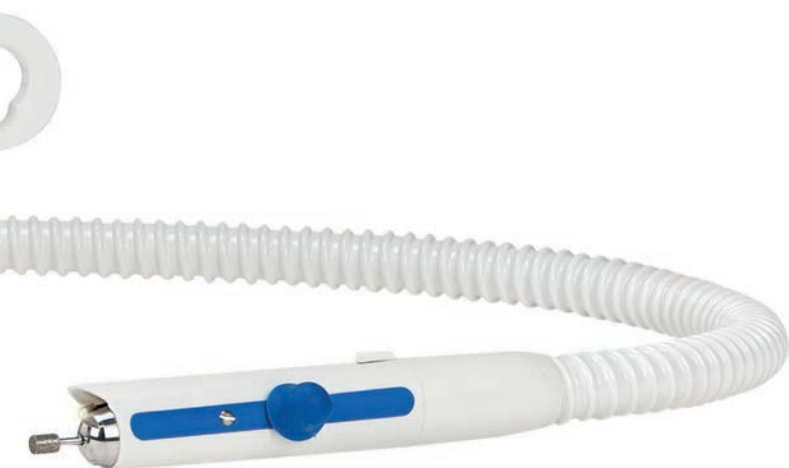
The key allows to easily switch between pre-set speeds or to turn on/off the complete unit.

Soft Knob

Insert instruments comfortably and without resistance thanks to the soft knob.

Good Sight

We are not leaving you in the dark.
The powerful LED ensures the optimum illumination of the treatment space.



Smart Work Simplification

Touchscreen-Display

Quick Help

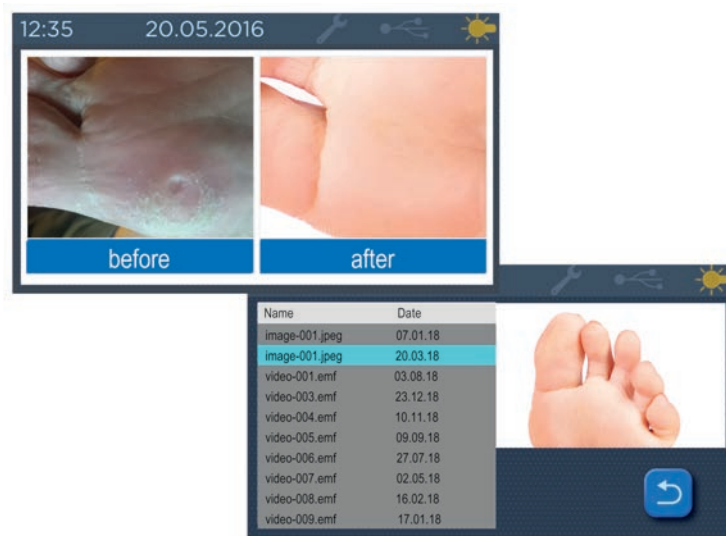
Videos help you with the first steps. You have access to the manual in multiple languages directly on the display.



Treatment Presentation

Pictures say more than words. Use the image viewer in the display to explain the planned treatment steps to your client.

With the help of an USB stick you can also show your own pictures, which gives you the possibility to illustrate the treatment progress for your client.



Speed and Suction Memory

You have 3 memory locations at your disposal. The saved speed and suction level is shown directly on the buttons.





Medeas Plus Technical Data



Control Unit	
Size in mm (incl. exterior parts)	W 273 x H 142 x D 186 B 313 x H 142 x D 235
Weight	3 kg
Suction Motor	Maintenance-free brushless suction motor
Voltage	230 V, 50 Hz, 200 W
Noise Level	49 dB (A) min. – 55 dB (A) full throttle
Medical Device	No
Carry Cases	Suitable for all hadewe carry cases

Handpiece	
Speed	6.000 - 40.000 rpm
Length	144 mm
Diameter	19- 25 mm
Clamping System	hadewe Power Clamping
Handpiece Motor	Brushless
Weight	150 g

Articles	
Art. No.	Description
0980	Medeas Plus Suction Unit with Side Suction
0980 UK	Medeas Plus Suction Unit with Side Suction and UK Plug
0970	Foot Switch
5179	Micro Filter (only!)

Features



Touch-
screen



Suction
Handpiece



Light
Handpiece



Power
Clamping
System



Easy to
Clean



Micro Filter
Class M



Noise Level



Foot Switch
(optional)



Memory
Function
For Speed &
Suction



Display
Filter Change
& Inspection

Medeas Chrome Technical Data



Control Unit	
Size in mm (incl. exterior parts)	W 273 x H 142 x D 186 B 313 x H 142 x D 235
Weight	3 kg
Suction Motor	Maintenance-free brushless suction motor
Voltage	230 V, 50 Hz, 200 W
Noise Level	49 db (A) min. – 55 dB (A) full throttle
Medical Device	No
Carry Cases	Suitable for all hadewe carry cases

Handpiece	
Speed	6.000 - 30.000 rpm
Length	118 mm
Diameter	19 - 25 mm
Clamping System	Automatic Clamping
Handpiece Motor	Brushless
Weight	140 g

Articles	
Art. No.	Description
0981	Medeas Plus Suction Unit with Round Suction
0981 UK	Medeas Plus Suction Unit with Round Suction and UK Plug
0970	Foot Switch
5179	Micro Filter (only!)

Features



Touch-screen



Suction Handpiece



Easy to clean



Micro Filter Class M



Noise Level



Foot Switch (optional)



Memory Function For Speed & Suction



Display Filter Change & Inspection

Suction Unit Auroria

Super Silent Brushless Suction Unit with Light

This line of silent, low-weight hadewe units is setting a new standard for podiatry drills. Auroria is the first unit in this line, and is equipped with many technical subtleties to ensure a secure and clean work.

The new units have a brushless suction motor which is not only very silent, but also much lower in weight. The new units have a brushless

suction motor, which is not only very silent, but also much lower in weight. It is a pleasure for your ears and your back.

There is a light source, which is directly implemented at the handpiece, and which allows for ideal work conditions even when the external light sources are insufficient.

You can save preferred pre-set speeds with the memory settings and use a knob, which is located at the end of the handpiece to access them directly.

Auroria is now also available as an optional EU Medical Device product of class 2A (conform to 93/42/ECC, EN 600601-1).



HANDPIECE WITH LIGHT & INTEGRATED MEMORY KEY



EASY FILTER EXCHANGE



LOW NOISE BRUSHLESS MOTOR



Control Unit	
Size in mm (incl. exterior parts)	W 273 x H 142 x D 186 B 313 x H 142 x D 235
Weight	2,7 kg
Suction Motor	Maintenance-free brushless suction motor
Voltage	230 V, 50 Hz, 200 W
Noise Level	49 db (A) min. – 55 dB (A) full throttle
Medical Device (0776 only)	Class 2A (conform to 93/42/EEC, EN 60601-1, CE 0482)
Carry Cases	Suitable for all hadewe carry cases

Handpiece	
Speed	6.000 - 40.000 rpm
Length	144 mm
Diameter	19 - 25 mm
Clamping System	hadewe Power Clamping
Handpiece Motor	Brushless
Weight	150 g

Articles	
Art. No.	Description
0976	Auroria Suction Unit
0976 UK	Auroria Suction Unit with UK Plug
0776	Auroria MD Suction Unit (Medical Device)
0776 UK	Auroria MD Suction Unit with UK Plug (Medical Device)
0970	Foot Switch
5179	Micro Filter (only!)

Features



Suction
Handpiece



Light
Handpiece



Power
Clamping
System



Easy to
Clean



Micro Filter
Class M



Noise Level



Foot Switch
(optional)



Medical
Device
(0776 only)



Memory
Function
For Speed &
Suction



Display
Filter Change
& Inspection

Suction Unit **Auroria** in Detail

Clean & Easy

Choose speed between 6.000 and 40.000 rpm with keys + and –

Useful Info

The display features useful info such as suction setting, current date and time, and indicates when it is time for a filter change or inspection.



Memory Function

The unit has 3 memory keys with which you can easily save and access 3 different speed settings.

Suction Control

Adjust the suction setting via the UP and DOWN keys.

Speed

The speed can be adjusted with the + and – keys between 6.000 and 40.000 rpm.

Available as Medical Device

The Auroria is now optional also available as a Medical Device.



Handpiece Holder

Open, easy to clean handpiece holder, that is directly attached to the unit.

Smart Key

The key allows to easily switch between preset speeds, or to turn the complete unit on/off.

Soft Knob

Insert instruments comfortably and without resistance thanks to the soft knob made out of elastomer (TPE).

Light Source

We are not leaving you in the dark. The powerful LED ensures the optimum illumination of the treatment space.



Suction Unit Veloria

Super Silent Brushless Suction Unit

This line of silent, low-weight hadewe units is setting a new standard for podiatry drills. Veloria is the second unit in this line, and is equipped with a brushless suction motor, which is not only very silent, but also much lower in weight. It is a pleasure for your ears and your back. The handpiece is equipped with our patented clamping system.

The knob is now made out of TPE (thermo-plastic elastomer) to allow maximum comfort when using it. The powerful motor enables working at speeds of 6.000-40.000 rpm. Veloria's technology, clamping system and motor are the same as those of our other silent unit Auroria. Please see previous pages for more details.

Auroria features even more details like memory settings, control at the handpiece and a light source.

Veloria is now also available as an optional EU Medical Device product of class 2A (conform to 93/42/ECC, EN 600601-1).



HANDPIECE WITH SUCTION



EASY FILTER EXCHANGE



ULTRA-SILENT HIGH PERFORMANCE SUCTION



Control Unit	
Size in mm (incl. exterior parts)	W 273 x H 142 x D 186 B 313 x H 142 x D 235
Weight	2,7 kg
Suction Motor	Maintenance-free brushless suction motor
Voltage	230 V, 50 Hz, 200 W
Noise Level	49 db (A) min. – 55 db (A) full throttle
Medical Device (0775 only)	Class 2A (conform to 93/42/EEC, EN 60601-1, CE 0482)
Carry Cases	Suitable for all hadewe carry cases

Handpiece	
Speed	6.000 - 40.000 rpm
Length	144 mm
Diameter	19 - 25 mm
Clamping System	hadewe Power Clamping
Handpiece Motor	Brushless
Weight	150 g

Articles	
Art. No.	Description
0975	Veloria Suction Unit
0975 UK	Veloria Suction Unit with UK Plug
0775	Veloria MD Suction Unit (Medical Device)
0775 UK	Veloria MD Suction Unit with UK Plug (Medical Device)
0970	Foot Switch
5179	Micro Filter (only!)

Features



Suction
Handpiece



Power
Clamping
System



Easy to
Clean



Micro Filter
Class M



Noise Level



Foot Switch
(optional)



Medical
device
(0775 only)

Suction Unit Veloria Chrome

Super Silent Brushless Suction Unit

Veloria Chrome is a new drill from our line of silent, low-weight hadewe units, which are setting a new standard for podiatry drills. This Veloria unit with a round handpiece is equipped with a brushless suction motor, which is not only very silent, but also much lower in weight. It is a pleasure for your ears and your back.

The handpiece of the Veloria Chrome has the standard automatic clamping system, which is best used for speeds up to 30.000 rpm. The round suction handpiece is easy to use and shorter than the more advanced Veloria with the Power Camping system.

Please also see previous pages for more details on the regular Veloria with hadewe clamping system, and the Auroria, which features even more details like memory settings, control at the handpiece and a light source. Those units are also available as Medical Devices.



ROUND HANDPIECE WITH SUCTION



EASY FILTER EXCHANGE



ULTRA-SILENT HIGH PERFORMANCE SUCTION



Control Unit	
Size in mm (incl. exterior parts)	W 273 x H 142 x D 186 B 313 x H 142 x D 235
Weight	2,7 kg
Suction Motor	Maintenance-free brushless suction motor
Voltage	230 V, 50 Hz, 200 W
Noise Level	49 db (A) min. – 55 dB (A) full throttle
Medical Device	No
Carry Cases	Suitable for all hadewe carry cases

Handpiece	
Speed	6.000 - 40.000 rpm
Length	118 mm
Diameter	19 - 25 mm
Clamping System	All-round Automatic Clamping
Handpiece Motor	Brushless
Weight	140 g

Articles	
Art. No.	Description
0978	Veloria Chrome Suction Unit
0978 UK	Veloria Chrome Suction Unit with UK Plug
0970	Foot Switch
5179	Micro Filter (only!)

Features



Suction
Handpiece



Easy to
Clean



Micro Filter
Class M



Noise Level



Foot Switch
(optional)

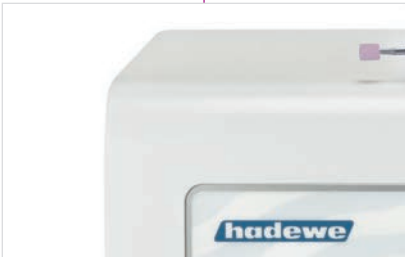
Veloria Disassembled

Easy maintenance and long term repair is important for our distributors, especially overseas, or where long distances, customs and freight can make a replacement difficult and expensive. The Veloria was constructed to be disassembled into 5-6 main components to make maintenance and long term repairs easier to handle for our service partners.

Components	
Art. No.	Description
6094	Housing
6260	Membrane Keyboard
6188	Electronic Board
6288	Micro Filter
6278	Suction Turbine Complete
6297	Suction Tube
6295	Handpiece Part



SUCTION TURBINE COMPLETE



HOUSING



MEMBRANE KEYBOARD



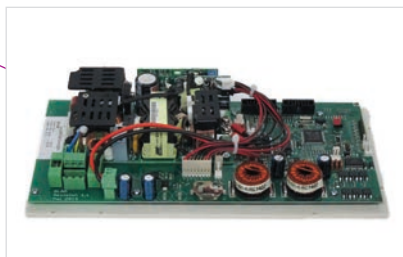
HANDPIECE PART



HANDPIECE CABLE



HANDPIECE TUBE



ELECTRONIC BOARD

Suction Unit **Zelos**

Multifunctional Medical Device Suction Unit

Zelos is a sophisticated podiatry drill and features many useful properties, which will enable the most efficient work.

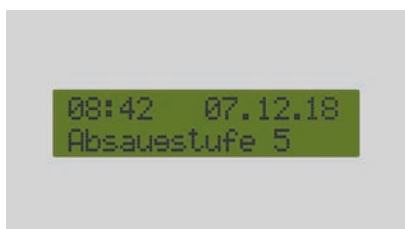
In addition to meeting the highest quality standards, the unit is also equipped with a light function.

The light is directly implemented in at the tip of the handpiece, and allows for ideal work conditions even when the external light sources are insufficient. hadewe is one of the few suppliers for suction units with light in the market.

Furthermore, the unit has 3 memory keys with which you can easily save 3 different speed settings. To access some of these pre-set speeds, you can also use a knob which is located at the end of the slim handpiece. Zelos is a beautiful and unique unit for every purpose in podiatry.



HANDPIECE WITH LIGHT



INFORMATION DISPLAY



SMART KEY ON HANDPIECE



Control Unit	
Size in mm (incl. exterior parts)	W 273 x H 142 x D 186 B 313 x H 142 x D 235
Weight	4,1 kg
Suction Motor	Motor with brushes (sound proof protection)
Voltage	240 V, 50 Hz, 550 W
Noise Level	< 59 dB (A)
Medical Device	Class 2A (conform to 93/42/EEC, EN 60601-1, CE 0482)
Carry Cases	Suitable for all hadewe carry cases

Handpiece	
Speed	6.000 – 40.000 rpm
Length	163 mm
Diameter	17 - 22 mm
Clamping System	hadewe Power Clamping
Handpiece Motor	Brushless
Weight	148 g

Articles	
Art. No.	Description
0974	Zelos Suction Unit
0974 UK	Zelos Suction Unit with UK Plug
0970	Foot Switch
5179	Micro Filter (only!)
5115	Paper Filter

Features



Suction
Handpiece



Light
Handpiece



Power
Clamping
System



Easy to
Clean



Micro Filter
Class M



Noise Level



Foot Switch
(optional)



Medical
Device



Memory
Function
For Speed &
Suction



Display
Filter Change
& Inspection

Suction Unit Helius

Best Selling Medical Device Suction Unit

The best-selling Helius is popular due to the easy handling of the units. The suction is very powerful, while an integrated labyrinth technology keeps the noise level under 59 db A.

The handpiece motor has been constructed for long working hours, and the skin particles are removed via the effective point suction at the top of the handpiece. This allows for the optimal hygienic and effective work, which is required by podiatrists.

The Helius is available in 2 different speeds, up to 22.000 rpm (Helius 22) and up to 40.000 rpm (Helius 40). Both drills are certified as a class 2A EU-Medical Device unit for the professional, medical podiatry field.



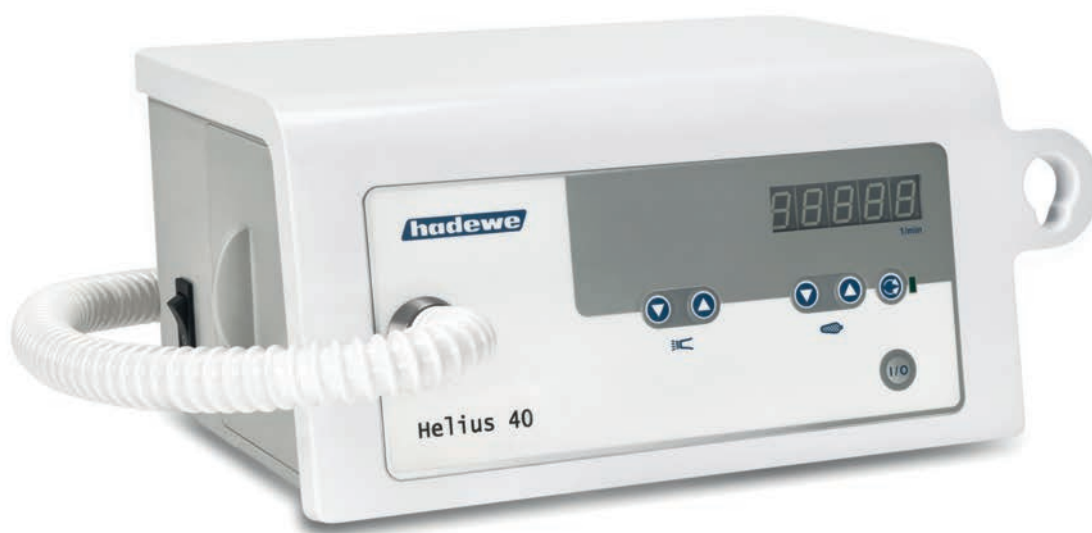
THE HELIUS IS AVAILABLE IN 2 DIFFERENT SPEED LEVELS:



HELIUS 22 WITH 22.000 RPM



HELIUS 40 WITH 40.000 RPM



Control Unit	
Size in mm (incl. exterior parts)	W 273 x H 142 x D 186 B 313 x H 142 x D 235
Weight	4,0 kg
Suction Motor	Motor with brushes (sound proof protection)
Voltage	240 V, 50 Hz, 550 W
Noise Level	< 59 dB (A)
Medical Device	Class 2A (conform to 93/42/EEC, EN 60601-1, CE 0482)
Carry Cases	Suitable for all hadewe carry cases

Handpiece	
Speed Helius 22	6.000 - 22.000 rpm
Speed Helius 40	6.000 - 40.000 rpm
Length	163 mm
Diameter	17 - 22 mm
Clamping System	hadewe Power Clamping
Handpiece Motor	Brushless
Weight	148 g

Articles	
Art. No.	Description
0931	Helius 22 Suction Unit with 22.000 rpm
0931 UK	Helius 22 Suction Unit with 22.000 rpm and UK Plug
0949	Helius 40 Suction Unit with 40.000 rpm
0949 UK	Helius 40 Suction Unit with 40.000 rpm and UK Plug
0970	Foot Switch
5179	Micro Filter (only!)
5115	Paper Filter

Features



Suction
Handpiece



Power
Clamping
System



Easy to
Clean



Micro Filter
Class M



Noise Level



Foot Switch
(optional)



Medical
Device

Suction Unit SB-22

Classic Basic Medical Device Suction Unit

The classic SB Series has been reinvented many times over the long years of its existence. We are always upgrading our drills to meet the current market demands. It was one of the first class 2A EU-Medical Device units for the professional, medical podiatry field.

The latest SB models have a digital speed display and an easy-to-clean membrane keyboard. The powerful suction motor is stored on rubber pads to protect it during transport. The SB is available in 3 different models. The first is our most popular SB-22 with a speed of up to 22.000 rpm.

The classic SB-12 with a speed of 2.000-12.000 rpm is very powerful in lower settings, which makes it perfect for slow moving instruments. The lower priced SB-12 A has a slimmer handpiece, and is often used by students and beginners in the podiatry field.



Control Unit	
Size in mm (incl. exterior parts)	W 273 x H 142 x D 186 B 313 x H 142 x D 235
Weight	3,8 kg
Suction Motor	Motor with brushes
Voltage	230/240 V, 50 Hz, 550 W
Noise Level	64dB (A)
Medical Device	Class 2A (conform to 93/42/EEC, EN 60601-1, CE 0482)
Carry Cases	Suitable for all hadewe carry cases

Handpiece	
Speed	4.000 - 22.000 rpm
Length	142 mm
Diameter	17- 22 mm
Clamping System	hadewe Power Clamping
Handpiece Motor	Brushless
Weight	138 g

Articles	
Art. No.	Description
0967	SB 22 Suction Unit with 22.000 rpm
0967 UK	SB 22 Suction Unit with 22.000 rpm and UK Plug
0970	Foot Switch
5179	Micro Filter
5115	Paper Filter

Features



Suction Handpiece



Power Clamping System



Easy to Clean



Micro Filter Class M



Noise Level



Foot Switch (optional)



Medical Device

SB-12A

Control Unit	
Size in mm (incl. exterior parts)	W 273 x H 142 x D 186 B 313 x H 142 x D 235
Weight	3,8 kg
Suction Motor	Motor with brushes
Voltage	230/240 V, 50 Hz, 550 W
Noise Level	64dB (A)
Medical Device	Class 2A (conform to 93/42/EEC, EN 60601-1, CE 0482)
Carry Cases	Suitable for all hadewe carry cases

Handpiece	
Speed	4.000 - 12.000 rpm
Length	129 mm
Diameter	17,5 - 25,5 mm
Clamping System	hadewe Power Clamping
Handpiece Motor	DC motor with brushes
Weight	138 g
Suction Tube	External suction tube

Articles	
Art. No.	Description
0969	SB 12A Suction Unit with 12.000 rpm
0969 UK	SB 12A Suction Unit with 12.000 rpm and UK Plug



SB-12

Control Unit	
Size in mm (incl. exterior parts)	W 273 x H 142 x D 186 B 313 x H 142 x D 235
Weight	3,9 kg
Suction Motor	Motor with brushes
Voltage	230/240 V, 50 Hz, 550 W
Noise Level	64 dB (A)
Medical Device	Class 2A (conform to 93/42/EEC, EN 60601-1, CE 0482)
Carry Cases	Suitable for all hadewe carry cases

Handpiece	
Speed	2.000 - 12.000 rpm
Length	138 mm
Diameter	18 - 29 mm
Clamping System	hadewe Power Clamping
Handpiece Motor	DC motor with brushes
Weight	196 g
Suction Tube	Regular integrated suction tube

Articles	
Art. No.	Description
0968	SB 12 Suction Unit with 12.000 rpm
0968 UK	SB 12 Suction Unit with 12.000 rpm and UK Plug



SB Series Spare Parts

Spare Parts for Older Separate Models

We are offering the separate versions of the new SB control units and the 4 handpiece models as spare parts, or for all distributors who wish to invest into units with separate handpieces.

Please read the texts under the individual units, since not all combinations of control units and handpieces are possible. These individual units are no Medical Devices!

The control units will have the proper software, suction settings and mechanical adjustments that are necessary for use with old handpieces.

SB Control Unit



This SB unit is a replacement for all old handpieces of the type 0726, 0729, 0820, 0822 and 0923, as well as the new SB-12A handpiece (0824). Please be aware that other old SB handpieces with 18.000 and 24.000 rpm will not be compatible with this control unit. The control unit will be adjusted especially to work with the handpiece you want to use it with.

Article No.	Description
0996	SB Control Unit for 0726 & 0729 handpieces (40.000 rpm)
0996 UK	SB Control Unit for 0726 & 0729 handpiece with UK plug
0997	SB Control Unit for 0824 handpiece (12.000 rpm)
0997 UK	SB Control Unit for 0824 handpiece with UK plug
0998	SB Control Unit for 0820 & 0822 handpieces (12.000 rpm)
0998 UK	SB Control Unit for 0820 & 0822 handpiece with UK plug
0999	SB Control Unit for 0923 handpiece (22.000 rpm)
0999 UK	SB Control Unit for 0923 handpiece with UK plug

SB-12 Handpiece



Art. No.	Description
0820	Handpiece with 12.000 rpm and integrated suction for 0940 and 0998 SB units

SB-22 Handpiece



Art. No.	Description
0923	Handpiece with 22.000 rpm and integrated suction for 0940 and 0999 SB units

SB-12 A Handpiece (old style)



Art. No.	Description
0822	Handpiece with 12.000 rpm and exterior hull for 0940 and 0998 SB units

SB-12 A Handpiece (new style)

This handpiece works only with the 0998 control unit above (not with 0940).



Art. No.	Description
0824	Handpiece with 12.000 rpm and exterior hull for 0998 SB unit (not for 0940)
























Carry Handle (incl. Assembly)











Art. No.	Description
0200	Carry Handle for all SB units including assembly to the unit, when ordered with the unit itself.

Spray Units



Unit	Article No.	Speed rpm	Total Weight kg	Handpiece Size	Noise Level	Digital Display	Power Clamping System	Regular & Reverse Switch
AZURAS PLUS								
	0983	40.000	3,4	medium				
AZURAS CHROME								
	0982	40.000	3,4	small				
HYPERIOS 4 PLUS								
	0586	40.000	3,4	small				
HYPERIOS 4 CHROME								
	0558	40.000	3,4	small				
SPR 4								
	0596	40.000	3,4	small				

Brushless Handpiece Motor	Light Handpiece	Memory Speed	Touchscreen	Image Viewer Tutorial Videos	Display Date / Clock	Maintenance Display	Foot Switch (optional)	Medical Device*
AZURAS PLUS								
								
AZURAS CHROME								
								
HYPERIOS 4 PLUS								
								
HYPERIOS 4 CHROME								
								
SPR 4								
								

Spray Unit Azuras

Hadewe Smart Displays Are Breaking New Barriers For Podiatry

The spray unit Azuras creates a new standard by meeting the highest requirements. Modern, unique, and equipped with a couple of technical finesses it offers secure and clean work. The modern touch screen display makes work much easier in many ways. Preferred speeds are to be seen directly on the touch display.

Help videos describe the most important features and make the first steps foolproof. Instructions (e.g. change of washers, clean chuck, etc.) can be displayed on the monitor.

With the help of an USB stick you can show your clients your own pictures, for example to illustrate their treatment progresses.

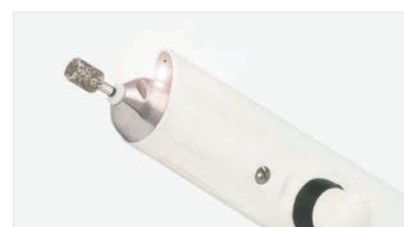
Regarding the handpiece you have two choices as the Azuras can be supplied with either an all- round suction with automatic clamping, or the established side suction with hadewe knob clamping.



TOUCHSCREEN



VIDEO-TUTORIALS



SPRAY HANDPIECE WITH LIGHT

Handpieces You Have The Choice

The Azuras is available with 2 different handpieces. The main difference is the shape and the way of inserting the burs. The following list gives you a guidance which handpiece is the best for your purposes.



Handpiece Comparison		
Part number of the handpieces	3424	6380
Name of device	Azuras Plus	Azuras Chrome
Maximum speed	40.000 rpm	40.000 rpm
Inserting burs	hadewe Power Clamping	Automatic Clamping
Holding force of burs	+++	++
Inserting burs without resistance	+++	++
Light handpiece	Yes	Yes
Light effect	++	+++
Number of LEDs	1	3
Size/weight of handpiece	++	+++
Spray function	+++	+++
Torque of motor	+++	+++

+++ very good ++ good

Spray Unit Azuras

Speed

Choose speed between 6.000 and 40.000 rpm with keys + and –

Smart Help

Access directions and help videos directly on the display and see treatment pictures of your clients or example pictures.



Quick Access

Save and call up speed and spray levels.

No Alcohol Necessary

The spray unit functions with just demineralized water. The addition of alcoholic contents is not necessary and therefore protects user and patient.

Useful Info

The display features useful info such as speed setting, current date and time, and indicates when it is time for a washer change or an inspection.

Small Chrome Handpiece

This unit is also available with a super small chrome handpiece with 3 LEDs.



Handpiece Holder

Open, easy to clean handpiece holder directly attached to the unit.

Lean Design

The control unit features a glass front that gives it a special optic.

Fine hadewe Spray Nebulation

The spray mist is variably adjustable, as with all hadewe spray units and has a very fine spray picture, which is the best and highest dispersion in the market.

Good Sight

We are not leaving you in the dark.
The powerful LED ensures the optimum illumination of the treatment space.



Azuras Plus Technical Data



Control Unit	
Size in mm (incl. exterior parts)	W 248 x H 145 x D 180 W 310 x H 145 x D 180
Weight	3,4 kg
Spray System	hadewe Vaporizing Spray
Voltage	230 V, 50 Hz
Medical Device	No
Carry Cases	Suitable for all hadewe carry cases

Handpiece	
Speed	6.000 - 40.000 rpm
Length	143 mm
Diameter	17 - 22 mm
Clamping System	hadewe Power Clamping
Handpiece Motor	Brushless
Weight	145 g

Articles	
Art. No.	Description
0983	Azuras Plus Spray Unit
0983 UK	Azuras Plus Spray Unit with UK Plug
0970	Foot Switch

Features

Touch-screen	Spray Handpiece	Light Handpiece	Power Clamping System	Easy to Clean	Noise Level	Foot Switch (optional)	Memory Function For Speed	Display Washer Change & Inspection

Azuras Chrome Technical Data



Control Unit	
Size in mm (incl. exterior parts)	W 248 x H 145 x D 180 W 310 x H 145 x D 180
Weight	3,4 kg
Spray System	hadewe vaporizing spray
Voltage	230 V, 50 Hz
Medical Device	No
Carry Cases	Suitable for all hadewe carry cases

Handpiece	
Speed	6.000 - 40.000 rpm
Length	116 mm
Diameter	17 - 21 mm
Clamping System	Automatic Clamping
Handpiece Motor	Brushless
Weight	120 g

Articles	
Art. No.	Description
0982	Azuras Chrome Spray Unit
0982 UK	Azuras Chrome Spray Unit with UK Plug
0970	Foot Switch

Features



Touch-
screen



Spray
Handpiece



Light
Handpiece



Easy to
Clean



Noise Level



Foot Switch
(optional)



Memory
Function
For Speed



Display
Washer
Change &
Inspection

Spray Unit Hyperios⁴ Plus

Medical Device for Professional Podiatrists

The Hyperios⁴ unit is equipped with a powerful light source at the top of the handpiece, which provides a pleasant work environment even under suboptimum light conditions. The fine hadewe nebulisation technology allows to work with spray liquids without alcohol additive (e.g. just with distilled water and our AquaHy concentrate), which protects the patient and especially the user in long hours of continuous work. The speed of the modern brushless motor can be variably adjusted up to 40.000 rpm, and is shown in the unit's digital display.

There are a couple of important functions to increase this spray unit's value for the user. The first is a rinsing function with which a strong stream of water is used to rinse off the remains of skin and nails. The second is a drying function, where air is used to dry the spot of a recent treatment. Similarly, an automatic cleaning function is used to prevent blockage in the spray nozzle. Handpiece and spray can be switched on and off (separately or both) with an optional foot switch.

The Hyperios⁴ has a soothing blue light on the display and at the water tank. It furthermore has two memory keys, which allow you to preset and use 2 preferred speed settings.

The unit is certified as a class 2A EU-Medical Device unit, and is our best-selling spray drill for the professional, medical podiatry field.



SPRAY HANDPIECE WITH LIGHT



MEMORY FUNCTION



REMOVABLE WATER TANK



Control Unit	
Size in mm	W 245 x H 133 x D 190
(incl. exterior parts)	W 282 x H 133 x D 190
Weight	3,5 kg
Voltage	230 V, 50 Hz, 120 W
Spray System	hadewe Vaporizing Spray (200 ml tank)
Functions	Memory, left/right, rinsing, drying & cleaning
Medical Device	Class 2A (conform to 93/42/EEC, EN 60601-1, CE 0482)
Carry Cases	Suitable for all hadewe carry cases

Handpiece	
Speed	6.000 - 40.000 rpm
Length	143 mm
Diameter	17 - 22 mm
Weight	145 g
Clamping System	hadewe Power Clamping
Light at Handpiece	Yes
Handpiece Motor	Brushless
Instrument Shaft Size	Ø 2,35 mm
Weight	145 g

Articles	
Art. No.	Description
0586	Hyperios ⁴ Plus Spray Unit
0586 UK	Hyperios ⁴ Plus Spray Unit with UK Plug
0970	Foot Switch
8555	AquaHy alcohol free Spray Fluid (100 ml concentrate = 1,5 l fluid)

Features



Spray
Handpiece



Light
Handpiece



Power
Clamping
System



Easy to
Clean



Noise Level



Foot Switch
(optional)



Medical
Device



Memory
Function
For Speed



Display
Washer
Change Only

Spray Unit Hyperios⁴ Chrome

Perfect Illumination

The Hyperios⁴ unit is equipped with a powerful light source at the top of the handpiece, which provides a pleasant work environment even under suboptimum light conditions. The fine hadewe nebulisation technology allows to work with spray liquids without alcohol additive (e.g. just with distilled water and our AquaHy concentrate), which protects the patient and especially the user in long hours of continuous work. The speed of the modern brushless motor can be variably adjusted up to 40.000 rpm, and is shown in the unit's digital display.

There are a couple of important functions to increase this spray unit's value for the user. The first is a rinsing function with which a strong stream of water is used to rinse off the remains of skin and nails. The second is a drying function, where air is used to dry the spot of a recent treatment. Similarly, an automatic cleaning function is used to prevent blockage in the spray nozzle. Handpiece and spray can be switched on and off (separately or both) with an optional foot switch.

The Hyperios⁴ has a soothing blue light on the display and at the water tank. It furthermore has two memory keys, which allow you to pre-set and use 2 preferred speed settings.

The Hyperios⁴ Chrome unit has the automatic clamping system, which is often seen on the market, and is therefore not certified as a Medical Device unit. It features 3 powerful LED lights, and has the strongest illumination. The lean, small handpiece further makes working with it a pleasure.



SPRAY HANDPIECE WITH 3 LEDS



MEMORY FUNCTION



REMOVABLE WATER TANK



Control Unit	
Size in mm	W 245 x H 133 x D 190
(incl. exterior parts)	W 282 x H 133 x D 190
Weight	3,5 kg
Voltage	230 V, 50 Hz, 120 W
Spray System	hadewe Vaporizing Spray (200 ml tank)
Functions	Memory, left/right, rinsing, drying & cleaning
Medical Device	No
Carry Cases	Suitable for all hadewe carry cases

Handpiece	
Speed	6.000 - 40.000 rpm
Length	116 mm
Diameter	17 - 21 mm
Weight	145 g
Clamping System	Automatic Clamping
Light at Handpiece	Yes
Handpiece Motor	Brushless
Instrument Shaft Size	Ø 2,35 mm
Weight	120 g

Articles	
Art. No.	Description
0558	Hyperios ⁴ Chrome Spray Unit
0558 UK	Hyperios ⁴ Chrome Spray Unit with UK Plug
0970	Foot Switch
8555	AquaHy alcohol free Spray Fluid (100 ml concentrate = 1,5 l fluid)

Features



Spray
Handpiece



Light
Handpiece



Easy to
Clean



Noise Level



Foot Switch
(optional)



Memory
Function
For Speed



Display
Washer
Change Only

Spray Unit SPR⁴

Modern and Precise Medical Device Wet Technology

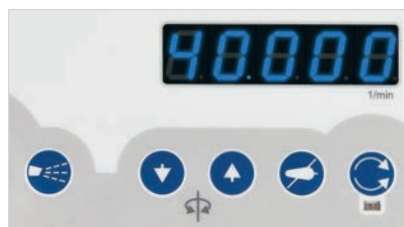
The SPR⁴ unit is equipped with the fine hadewe nebulisation technology, that allows working with spray liquids without alcohol additive (e.g. just with distilled water and our AquaHy concentrate). That protects the patient and especially the user in long hours of continuous work. The speed of the modern brushless motor can be variably adjusted up to 40.000 rpm, and is shown in the unit's digital display.

There are a couple of important functions to increase this spray unit's value for the user. The first is a rinsing function with which a strong stream of water is used to rinse off the remains of skin and nails. The second is a drying function, where air is used to dry the spot of a recent treatment. Similarly, an automatic cleaning function is used to prevent blockage in the spray nozzle.

Handpiece and spray can be switched on and off (separately or both) with an optional foot switch. The SPR⁴ has a soothing blue light on the display and at the water tank. The unit is certified as a class 2A EU-Medical Device unit, and is our lower cost alternative of a spray drill for the professional, medical podiatry field.



SPRAY HANDPIECE



STYLEFUL DESIGN



REMOVABLE WATER TANK



Control Unit	
Size in mm	W 245 x H 133 x D 190
(incl. exterior parts)	W 282 x H 133 x D 190
Weight	3,5 kg
Voltage	230 V, 50 Hz, 120 W
Spray System	hadewe Vaporizing Spray (200 ml tank)
Functions	Left/right, rinsing, drying & cleaning
Medical Device	Class 2A (conform to 93/42/EEC, EN 60601-1, CE 0482)
Carry Cases	Suitable for all hadewe carry cases

Handpiece	
Speed	6.000 - 40.000 rpm
Length	143 mm
Diameter	17 - 22 mm
Weight	145 g
Clamping System	hadewe Power Clamping
Light at Handpiece	No
Handpiece Motor	Brushless
Instrument Shaft Size	Ø 2,35 mm
Weight	145 g

Articles	
Art. No.	Description
0596	SPR ⁴ Spray Unit
0596 UK	SPR ⁴ Spray Unit with UK Plug
0970	Foot Switch
8555	AquaHy alcohol free Spray Fluid (100 ml concentrate = 1,5 l fluid)

Features



Spray
Handpiece



Power
Clamping
System



Easy to
Clean



Noise Level



Foot Switch
(optional)



Medical
Device

Suction & Spray Unit Argos²

Unique Multi-Purpose Combi Unit

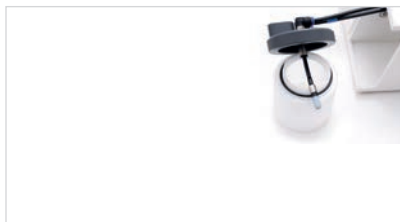
The Argos² unites two techniques in one device. You can choose which treatment is the best for each individual situation and patient: spray or suction technique.

The fine hadewe nebulisation spray allows you to work with spray liquids without alcohol additive (e.g. with just distilled water and our AquaHy concentrate).

When switching to the strong suction, the spray nozzle blows out air to prevent dirt from entering the system. Argos² utilizes the best of both, suction and spray, and it is offered at a price for which you could often only buy one unit.



SUCTION & SPRAY HANDPIECE



REMOVABLE WATER TANK



SPRAY WITHOUT ALCOHOL



Control Unit	
Size in mm (incl. exterior parts)	B 314 x H 135 x D 223 B 350 x H 135 x T 332
Weight	5,6 kg
Voltage	230 V, 50 Hz, 550 W
Noise Level	64 dB (A)
Suction Motor	Motor with brushed (sound proof protection)
Spray System	hadewe vaporizing spray (200 ml tank)
Medical Device	No
Carry Cases	Not (!) suitable for hadewe carry cases

Handpiece	
Speed	7.000 - 40.000 rpm
Length	152 mm
Diameter	17 - 22 mm
Clamping System	hadewe Power Clamping
Light at Handpiece	No
Handpiece Motor	Brushless
Instrument Shaft Size	Ø 2,35 mm
Weight	148 g

Articles	
Art. No.	Description
0572	Argos² Suction & Spray Unit
0572 UK	Argos² Suction & Spray Unit with UK Plug
0970	Foot Switch
8555	AquaHy alcohol free Spray Fluid (100 ml concentrate = 1,5 l fluid)
5179	Micro Filter
5115	Paper Filter

Features



Spray
Handpiece



Suction
Handpiece



Power
Clamping
System



Easy to
Clean



Micro Filter
Class M



Noise Level



Foot Switch
(optional)

Domiciliary Drill Xantos-22

A Powerful Little Package

The Xantos series is our series of domiciliary drills, which features a control unit that was especially designed for continuous use in pedicure, manicure and nail design. The control unit features an easy-to-clean front, a digital display to show the speed, and also works in reverse direction.

Our bestseller Xantos-22 with a speed of up to 22.000 rpm has a very slim handpiece, which is equipped with the patented hadewe power clamping system to easily exchange instruments and hold them firmly (no slipping out of burs).

The handpiece is lean, but powerful. With only 145 g it is easy to hold, even at continuous hours of work. As usual with the handpieces with hadewe power clamping, there is only a low vibration, and a smooth running of the handpiece.



Control Unit	
Size in mm	B 114 x H 86 x D 183
Weight	0,9 kg
Voltage	230 V, 50 Hz, 65 W
Functions	Left/right direction, digital display
Carry Case	Optional

Handpiece	
Speed	4.000 - 22.000 rpm
Length	129 mm
Diameter	17,5 - 20,5 mm
Clamping System	hadewe Power Clamping
Instrument Shaft Size	Ø 2,35 mm
Weight	145 g

Articles	
Art. No.	Description
0898	Xantos-22
0898 UK	Xantos-22 with UK Plug
0873	Carry Case for Xantos Units

Features



Power
Clamping
System



Easy to
Clean



Noise Level



Domiciliary Drill Xantos-Nail

Robust Nail Drill

The Xantos series is our series of domiciliary drills, which features a control unit that was especially designed for continuous use in pedicure, manicure and nail design. The control unit features an easy-to-clean front, a digital display to show the speed, and also works in reverse direction.

The Xantos-Nail with a speed of up to 22.000 rpm has a very robust handpiece. It's clamping system is a unique twist clamping system to firmly hold the instruments (no slipping out of burs).

The robust handpiece is running smoothly, and is ideal for the use in Nail Design and Pedicure. The optional carry case makes it easy to carry the drill around.



Control Unit	
Size in mm	W 114 x H 86 x D 183
Weight	0,9 kg
Voltage	230 V, 50 Hz, 65 W
Functions	Left/right direction, digital display
Carry Case	Optional

Handpiece	
Speed	4.000 - 22.000 rpm
Length	127 mm
Diameter	13 - 27 mm
Clamping System	Twist Clamping
Instrument Shaft Size	Ø 2,35 mm
Weight	160 g

Articles	
Art. No.	Description
0872	Xantos-Nail
0872 UK	Xantos-Nail with UK Plug
0873	Carry Case for Xantos Units

Features



Twist
Clamping
System



Noise Level



KG-12

Control Unit	
Size in mm	W 125 x H 65 x D 185
Weight	1,1 kg
Voltage	230 V, 50 Hz, 65 W
Functions	Left/right direction, bur holder on side
Carry Cases	Included (!)

Handpiece	
Speed	2.000 - 12.000 rpm
Length	146 mm
Diameter	17,5 – 29 mm
Clamping System	hadewe Power Clamping
Instrument Shaft Size	Ø 2,35 mm
Weight	195 g

Articles	
Art. No.	Description
0860	KG-12
0860 UK	KG-12 with UK Plug



KG-22

Control Unit	
Size in mm	W 125 x H 65 x D 185
Weight	1,0 kg
Voltage	230 V, 50 Hz, 65 W
Functions	Left/right direction, bur holder on side
Carry Cases	Included (!)

Handpiece	
Speed	4.000 - 22.000 rpm
Length	129 mm
Diameter	17,5 – 20,5 mm
Clamping System	hadewe Power Clamping
Instrument Shaft Size	Ø 2,35 mm
Weight	145 g

Articles	
Art. No.	Description
0896	KG-22
0896 UK	KG-22 with UK Plug



Massaging Scrubber BS-24

Relaxation for the Skin

The portable facial skin massaging scrubber is a high performance and convenient unit for intensive soothing facial cleansing.

The various brush attachments allow for a variety of treatments and cleaning of the face, neck, cervical and cleavage.

The BS-24 is easy to use and supports making the skin a dermatological delight.



Art. No. 8572



Art. No. 8573



Art. No. 8574



Art. No. 0873



Control Unit	
Size in mm	B 85 x H 60 x D 150
Weight	1,1 kg
Voltage	230 V, 50 Hz, 24 W
Carry Case	Optional

Handpiece	
Speed	200-750 rpm
Length & Weight	133 mm, 280 g
Diameter	18,5 - 33 mm
Instrument Shaft Size	Ø 6,00 mm

Articles	
Art. No.	Description
0756	BS-24
0756 UK	BS-24 with UK Plug
8572	Brush (Goathair) Ø 20
8573	Brush (Goathair) Ø 45
8574	Grindstone Ø 45
0873	Carry Case for BS-24

Nail Drill g-file

Nail Drills with Swarovski® Gemstones

The electric files of the g-file series combine ergonomics with smooth running and new beautiful design. They offer everything you need to create optimal results in nail design.

There is minimum temperature development due to a motor with integrated air cooling. The twist clamping system is firmly holding the instruments (no slipping out of burs).

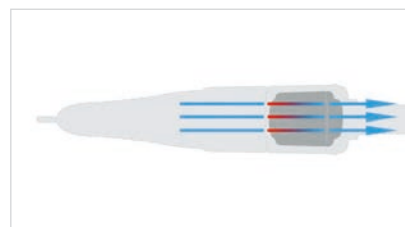
The g-file is available in 4 designs, and all of them are embellished with original SWAROVSKI® gemstones. Choose between silver, gold, magenta or lilac.



OPTIONAL CARRY CASE



VARIABLY ADJUSTABLE SPEED



LOW TEMPERATURE BUILD-UP

Features



Twist
Clamping



Easy to
Clean



Noise Level



Elegant Silver g-file

SWAROVSKI® gemstones on handpiece only



Gallant Gold g-file

SWAROVSKI® gemstones on handpiece and control unit



Magnificent Magenta g-file

SWAROVSKI® gemstones on handpiece and control unit



Luscious Lilac g-file

SWAROVSKI® gemstones on handpiece and control unit

Control Unit	
Size in mm	W 114 x H 86 x D 183
Weight	0,9 kg
Voltage	230 V, 50 Hz, 50 W
Carry Case	Optional

Handpiece	
Speed	4.000 - 20.000 rpm
Length	126 mm
Diameter	13 - 27 mm
Clamping System	Twist Clamping
Weight	145 g

Articles	
Art. No.	Description
6234	g-file Silver
6234 UK	g-file Silver with UK Plug
6233	g-file Gold
6233 UK	g-file Gold with UK Plug
6232	g-file Magenta
6232 UK	g-file Magenta with UK Plug
6231	g-file Lilac
6231 UK	g-file Lilac with UK Plug
0873	Carry Case for g-file

Podiatry Carry Case

The Clever Case For Every Purpose

This carry case is manufactured in Germany, and has been especially designed for podiatry. The unit doesn't have to be removed from the case, although you could remove the tray with the unit on it for easy operation.

The thermoplastic housing is made out of ABS (Acrylonitrile butadiene styrene) polymer, and therefore impact resistant, easy-to-clean, and persistent against most disinfection fluids.

Two removable drawers provide substantial space, and a padded handpiece holder, sturdy rolls and an extendable, telescopic arm make sure that a safe transport is supported.



EASY TRANSPORTATION



TWO DRAWERS INCLUDED



PADDED HANDPIECE HOLDER

Technical Data	
Size in mm	W 490 x H 360 x D 260 mm (plus 30 mm carry handle)
Device compartment	W 420 x H 180x D 240 mm
Weight	3,8 kg
Suitable for	All hadewe units (except Argos)

Articles	
Art. No.	Description
0656	Podiatry Carry Case
0657	Podiatry Carry Case with German Socket for 2 Plugs

Carry Cases

Packed And Ready To Go

The hadewe carry cases are suitable for all current hadewe units. You can comfortably work from „out of the case“ due to the doors that open sideways (and also have additional space for your tools).

The cases further feature reinforced wheels, an extractable telescopic carry handle, an easy-to-clean synthetic leather surface inside, an easy-to-clean synthetic leather surface inside, and a very handy document folder in the lid. (All other supplements and instruments shown in the pictures are not included in the delivery).

Carry Case Survey				
Art. No.	0907	0908	0909	0910
Drills suitable for carry case	All current hadewe spray and suction units			All suction units
Electric sockets		•		
Drawer			•	
Rolls / telescope handle	•	•	•	•
Outside Dimensions in mm	W 480	W 480	W 480	W 450
	H 430	H 430	H 430	H 210
	D 360	D 360	D 360	D 390
Inside Dimensions in mm	W 460	W 460	W 460	W 435
	H 210	H 210	H 210	H 180
	D 220	D 220	D 220	D 370
Weight in kg	4,5	4,6	4,6	4,0

Art. No. 0907



Art. No. 0908



Art. No. 0909



Carry Case 0910

This carry case is ideal for mobile podiatry due to its wheels and telescopic extraction handle. It further has reinforced protection at the corners, and the inside is also covered by washable and easily cleaned synthetic leather. The podiatry drills in all hadewe cases are is secured with hook and loop straps. (All other supplements and instruments shown in the picture are not included in the delivery).

Art. No. 0910



Foot Rests

Foot Rest (Art. No. 0912)

This foot rest is with 1,1 kg a real light weight, and therefore perfect for the use during domestic work. Height (between 460-670 mm) and multiple angles are separately adjustable and will assist you in putting the patient's foot, where you can best work on it. The extra steel reinforced jolt allows you to put weight on the comfortable cushion (measurements 220 x 170 x 50 mm). The foot rest 0912 comes with a carry bag (W 690 x H 320 x D 240 mm). Maximum weight load 20 kg.



Foot Rest (Art. No. 3888)

This new special foot rest puts a heavy (pun intended) emphasis on being robust and sturdy. It is extra reinforced and has a weight of 1,4 kg. Height (between 470-750 mm) and multiple angles are separately adjustable and allow you to put the patient's foot on the comfortable cushion (measurements 220 x 170 x 50 mm). The foot rest 3888 also comes with a carry bag (W 690 x H 320 x D 240 mm). Maximum weight load 25 kg. This is a special custom product and not available in Germany.



Tool Tray Set (Art. No. 0218 & 0219)

These hard plastic trays allows you to keep all your tools and instruments within reach. You may connect it to the foot rest 0912 and it can be turned 360° in all directions. The individual trays consists of hard to break plastic, and are resistant against liquids used for disinfection. The set contains 2 tool trays and 1 holder. Size per tray: W 260 x H 75 x D 360, Weight: 400 g.



TRAY 0219 FOR FOOT REST 0912



TRAY 0218 FOR FOOT REST 3888



FOOT REST BAG 8529

Articles	
Art. No.	Description
0912	Foot Rest light (with bag)
3888	Foot Rest extra sturdy (with bag)
0219	Tool Tray Set (2 pieces with holder) for 912
0218	Tool Tray Set (2 pieces with holder) for 3888
8529	Foot Rest Bag (as replacement)

Magnifying Light Spectra

The magnifying light Spectra can be used in flexible ways, since the included powerful clamp allows you to combine it with the hadewe foot rest, carry case, or all kinds of furniture and cabinets. The extra long arm enables ultimate positioning of the light. Heat is also not an issue with this product. In fact, you may transport it immediately after use.

Foot rest adapter included

Position the light close to the patient's feet and keep or move it to an optimum position via the flexible arm and holder. For transport simply detach the light, and move the adapter under the foot rest.

Design shades in 3 colors included

Choose your lamp design according to your other furniture style. Spectra includes 3 shades for the lid to change the color to white, silver/grey, or blue.



Technical Data
Including holder for foot rest 0912
90 mm real glas with 3 dioptries
Mains cable 2,6 m, height 620 mm
Flexible arm length 350 mm
Weight 0,8 kg
Including 3 design shades

Articles	
Art. No.	Description
0209	Magnifying Light Spectra 12 W
0212	Magnifying Light Spectra 12 W with UK Plug
8552	Replacement Light for Spectra 12 W
0231	Magnifying Light Spectra 5,4 W
0272	Magnifying Light Spectra 5,4 W with UK Plug

Flex Catch Basin White (Art. No. 3508)

Keep your working space more clean by using the flexible catch basin. This product consists out of a new easy-to-disinfect elastic material, which provides a soft basis to put your patients leg on, and to easily press it down, when working on the heel. Dust and excess spray water will be collected in the basin. The Flex Catch Basin can be rolled together for mobile transport, and also fits into our carry cases, or the bag of the foot rest. Size: W 330 x H 100 x D 510, Weight: 580 g



Flex Catch Basin In Different Colors (Art. No. 3671-3674)

Would you like to bring a little color into your work space? The new flexible catch basins from hadewe in the variant colors green (Art. No. 3671), pink (Art. No. 3672), violet (Art. No. 3673), and light blue (Art. No. 3674) are perfect for that. The catch basins have the same measurements as the white version (Art. No. 3508), and also feature the new easy-to-disinfect elastic material, which is now even more resistant against alcohol, water and other fluid substances.

Articles	
Art. No.	Description
3508	Flex Catch Basin White
3508, 3671-3674	Flex Catch Basin (All Colours) 10 units
3508, 3671-3674	Flex Catch Basin (All Colours) 25 units
3508, 3671-3674	Flex Catch Basin (All Colours) 100 units
3671	Flex Catch Basin Green
3672	Flex Catch Basin Pink
3673	Flex Catch Basin Violet
3674	Flex Catch Basin Light Blue

Equipment & Material Bags

Alternatives And Support For Mobile Podiatry

We've got your back! ... with especially light versions of an equipment bag (1 kg) and a material bag (1,1 kg). The equipment bag offers enough space for all hadewe devices.

The bottom side, which is in contact with the surface when the bag is put down, is dyed grey, which makes it tolerant against discoloration and stains.

The extremely resistant tarpaulin material (inside and outside) is easy to clean and resistant against disinfectants. Sides and edges are reinforced by plastic foam.

EQUIPMENT BAG 0658



MATERIAL BAG 0659



Equipment Bag 0658	
Size in mm	W 350 x H 270 x D 150
Suitable for	All hadewe units (except Argos)
Weight	1,0 kg

Material Bag 0659	
Size in mm	W 450 x H 350 x D 80
Suitable for	Mainly Supplies and KG & Xantos units
Weight	1,0 kg

Articles	
Art. No.	Description
0658	Equipment Bag
0659	Material Bag

Podiatry Cabinets

hadewe Cabinets Combine Functionality With Timeless Design

The hadewe cabinets have a height of 860 mm and are ideal for storing podiatry drills, instruments and work utilities in a hygienic and comfortable way. There is an extra big drawer for bottles and other large containers. Drawers can be completely pulled out by

telescope slides, therefore allowing you to reach even the areas in the rear easily. The cabinets are moveable by its wheels to change your operating location. The handpiece tube of hadewe drills is firmly fixed in an optional handpiece holder at the side, and is led away

from the drawers, so that these can be pulled out without the tubes being in the way. These cabinets have been designed by hadewe to help you set up an inexpensive work station.

Basic Cabinet 0637

The basic cabinet comes without electric sockets and UV drawer. The mains cables of your podiatry drills can be led out through an opening in the back.



UV Cabinet 0635

Instruments can be safely and hygienically stored in an included UV drawer. The podiatry drills and other units can be plugged into a 4 socket extension for German style plugs in the back.



UV Cabinet 0638

Instruments can be safely and hygienically stored in an included UV drawer. The podiatry drills and other units can be plugged into a 4 socket extension for UK style plugs in the back.



Unit Survey				
Article No.	Cabinet Basic 0637	Cabinet with Electricity (DE) 0636	Cabinet with Electricity (DE) & UV Drawer 0635	Cabinet with Electricity (UK) & UV Drawer 0638
Colour of the corpus: white	•	•	•	•
Silent closing drawers	•	•	•	•
3 drawers with telescope slides	•	•	•	•
Increased degree edge on 3 sides to prevent falling tools	•	•	•	•
One interior drawer configuration tray included	•	•	•	•
Surfaces are insensitive to cleaning and disinfection	•	•	•	•
Extra wide bow-shaped handles	•	•	•	•
Easy going wheels with extra brake for parking position	•	•	•	•
Unit compartment is suitable for all hadewe devices	•	•	•	•
Dimensions: W 600 x H 860 x D 540 mm, weight: 35 kg	•	•	•	•
Unit panel: W 560 x H 170 x D 400 mm	•	•	•	•
Opening in the back of cabinet to lead cables outside	•			
UV-drawer for sterile storage of your instruments			•	•
Socket extension for 4 plugs included; voltage: 230 V		•	•	•

Hand Piece Holder for Cabinets

Can be mounted on the hadewe cabinets (screws included) and fits almost all handpieces. Use on either side of the unit for left or right handed preference.



Article	
Article No.	Description
0195	Hand Piece Holder for Cabinets

LAB-40 Foot Control

Brushless Dental Foot Control Unit

This laboratory unit has been especially constructed and manufactured by hadewe in Germany for the continuous use in dental and otoplasty laboratories. The slim handpiece features the hadewe power clamping system to keep the burs secure at high speeds.

Thanks to the speed of 40.000 rpm and the torque of 4,5 Ncm the LAB-40 can be used all moderately heavy works in the fields. The powerful brushless motor is fully encapsulated and equipped with a labyrinth sealing to prevent the entry of dust. The foot

control unit can be stored under the table to allow for optimal work space use. The speed can be precisely and variably/stepless adjusted with the foot pedal. Hall effect sensors prevent the need of electro-mechanic parts, and in turn keep wearout at a minimum.



Control Unit	
Size in mm (incl. projected parts)	W 262 x H 92 x D 152 mm W 262 x H 92 x D 229 mm
Weight	2,5 kg
Voltage input	90-230 V AC
Voltage output	28V, 64 W
Carry Case	Not necessary (stationary unit)

Handpiece	
Speed	6.000 - 40.000 rpm
Length & Weight	142 mm, 145 g
Diameter	17,5 – 20,5 mm
Clamping System	hadewe Power Clamping
Instrument Shaft Size	Ø 2,35 mm
Torque	4,5 Ncm

Articles	
Art. No.	Description
0142	LAB 40 Foot Control
0142 UK	LAB 40 Foot Control with UK Plug

Features



Power-
Clamping-
System



Easy to
Clean



Noise Level

LAB-40 Table Control

Brushless Dental Table Control Unit

This laboratory unit has been especially constructed and manufactured by hadewe in Germany for the continuous use in dental & otoplasty laboratories. The slim handpiece features the hadewe power clamping system to keep the burs secure at high speeds.

Thanks to the speed of 40.000 rpm and the torque of 4,5 Ncm the LAB-40 can be used all moderately heavy works in the fields. The powerful brushless motor is fully encapsulated and equipped with a labyrinth sealing to prevent the entry of dust.

The table control is made for preference of adjusting the speed directly at the work place. The foot switch can also be used to increase or decrease the speed. Hall effect sensors prevent the need of electro-mechanic parts, and in turn keep wearout at a minimum.



FOOT SWITCH



EXTERNAL POWER SUPPLY



OPTIONAL CARRY CASE

Control Unit	
Size in mm	W 114 x H 86 x D 183
Weight	1,5 kg total (Unit weight 480 g)
Weight Supplies	Power Supply 460 g, Foot Pedal 360 g
Voltage input	90-230 V AC
Voltage output	28V, 64 W
Carry Case	Optional Case 0873

Handpiece	
Speed	6.000 - 40.000 rpm
Length & Weight	129 mm, 138 g
Diameter	17,5 – 20,5 mm
Clamping System	hadewe Power Clamping
Instrument Shaft Size	Ø 2,35 mm
Torque	4,5 Ncm

Articles	
Art. No.	Description
6170	LAB 40 Table Control
6170 UK	LAB 40 Table Control with UK Plug
0873	Carry Case for 6170 (incl. all supplies)

Features



Power-Clamping-System



Easy to Clean



Noise Level

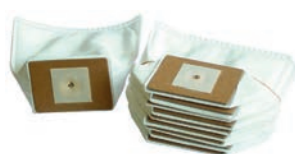
Paper Filter Bags



Paper filters for hadewe suction units (except Auroria & Veloria). To be exchanged after 50 work hours latest!

Art. No.	Description
5115	Paper Filter Bag (1 unit)
5115	Paper Filter Bags (200 units)
5115	Paper Filter Bags (500 units)

Micro Filter Bags



Special micro filters for all hadewe suction units. To be exchanged after 50 work hours latest!

Art. No.	Description
5179	Micro Filter Bag (1 unit)
5179	Micro Filter Bags (200 units)
5179	Micro Filter Bags (500 units)

Suction Unit Filter



Control unit filter for suction chamber of all hadewe suction units. To be exchanged after 200 work hours latest!

Art. No.	Description
3752	Suction Unit Filter For All Current Units
5116	Suction Unit Filter For Older Units (0940, etc)

Spray Washer



White washer for handpiece front tip of all hadewe spray units and some suction units. To be exchanged every 4 weeks latest!

Art. No.	Description
4571	Spray Washer (1 unit)
4571	Spray Washer (200 units)
4571	Spray Washer (500 units)

Spray Filter



Spray filter for water tank of all hadewe spray units. Exchange every 2-4 months recommended.

Art. No.	Description
3497	Spray Filter

AquaHy



Concentrate Spray Fluid. 100 ml bottle AquaHy is for 5 liters demineralised water.

Art. No.	Description
8555	Spray Fluid AquaHy (100 ml)

Carry Case for Xantos Serie



Dimensions outside W 340 x H 275 x D 125 mm
Dimensions inside: W 320 x H 220 x D 110 mm

Art. No.	Description
0873	Carry Case for Xantos Series

Carry Case for KG Series



Dimensions outside: W 270 x H 230 x D 85 mm
Dimensions inside: W 260 x H 170 x D 70 mm

Art. No.	Description
0874	Carry Case for KG Series

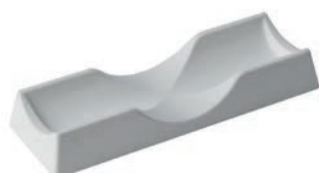
Carry Handle



Carry handle including assembly at the control unit by hadewe with unit order. For all hadewe suction & spray units.

Art. No.	Description
0200	Carry Handle for Suction Units

Handpiece Holder



Skid-proof handpiece holder suitable for all hadewe Handpieces

Art. No.	Description
0870	Handpiece Holder

Handpiece Holder for Units



Can be mounted to current hadewe units (screws included).

Art. No.	Description
0197	Handpiece Holder for Units

Handpiece Holder for Cabinets



Can be mounted on the hadewe cabinets (screws included) and fits almost all handpieces. Use on either side of the unit for left or right handed preference.

Art. No.	Description
0195	Handpiece Holder for Cabinets

Instrument Holder



Holds up to 12 instruments (not included)

Stainless steel with self-locking Teflon elements.

Temperature resistant up to 250° C.

Art. No.	Description
6268	Instrument Holder

Instrument Steel Trays



Made out of stainless steel to hold your instruments

Art. No.	Description
8530	Tray (upper picture) W150 x H125 x D25 mm
8531	Tray (lower picture) W125 x H100 x D15 mm

Bur Shaft Tester



Test if your burs are bent or worn with this calibrated and highly recommended instrument.

Art. No.	Description
4990	Bur Shaft Tester

Maintenance Packages

2210



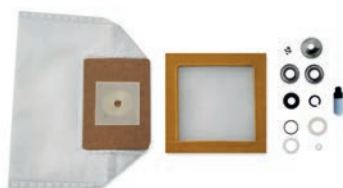
2211



2212



2213



These Maintenance Packages contain all the parts that are necessary for a regular maintenance carried out by a trained repair service department.

Please ask your distributor or service agency for an offer including the actual maintenance work itself.

Art. No.	Description
2210	Maintenance Package for all Regular Drills
2211	Maintenance Package for all Suction Drills
2212	Maintenance Package for all Spray Drills
2213	Maintenance Package for all Combi Drills
2214	Maintenance Package for Xantos Nail
5870	Electronic Board Repair Kit for old SB Units (Art. No. 0940)

Handpiece Double Cleaning Brush



For cleaning the chuck inside of handpieces with hadewe power clamping system.

Art. No.	Description
6158	Cleaning Brush (1 unit)
6158	Cleaning Brush (100 units)
6158	Cleaning Brush (250 units)

Handpiece Cleaning Brush for Xantos Nail



For cleaning the automatic clamping inside of handpieces Xantos Nail, Helius R, etc.

Art. No.	Description
4876	Xantos Nail Cleaning Brush

Foot Rest Bag



For all hadewe Foot Rests. Size: W 690 x H 320 x D 240 mm

Art. No.	Description
8529	Foot Rest Bag

hadewe Carry Bag



For supplies (not suitable to carry units and foot rests)
Size: W 430 x H 279 x D 215 mm

Art. No.	Description
8528	Hadewe Carry Bag

Battery Pack for Xantos-BT



Art. No.	Description
6009	Battery Pack for Xantos-BT (0842)
6015	Charging Unit for Xantos-BT (0842)
6016	UK Cable for Xantos-BT (0842)

Technical Handpiece



Dental Technical Handpiece for old dental motors

Art. No.	Description
0110	Dental Technical Handpiece

Technical Suction Handpiece



Dental Technical Suction Handpiece for old dental motors

Art. No.	Description
0110 A	Dental Technical Handpiece

Flex Drive



Süda Flex Drive for old Süda machines (1,2 m)

Art. No.	Description
0321	Flex Drive

Riviting Hammer



Riviting Hammer for Dental Technical Handpieces

Art. No.	Description
0137	Riviting Hammer

Riviting Hammer Adapter



Riviting Hammer Adapter for 12.000 rpm Handpieces (KG-12, Xantos-12, etc.)

Art. No.	Description
0660	Riviting Hammer Adapter

Magnifying Glass



Art. No.	Description
8550	Magnifying Glass

Foot Switch Adapter



Foot Switch Adapter between old 0940 SB units and separate handpieces

Art. No.	Description
0939	Foot Switch Adapter

Handpiece Motor



Handpiece motor with 12.000 rpm for old intramatic connection handpieces

Art. No.	Description
0854	Handpiece Motor

Linen & Leather Bags



Bag with 11 pockets to carry instruments, made of linen or leather. Size: W 400 x H 450 mm

Art. No.	Description
0905	Linen Instrument Bag
0905 A	Leather Instrument Bag

Xantos BT



Battery Drill with 25.000 rpm

Art. No.	Description
0844	Xantos-BT
0844 UK	Xantos-BT UK Plug

KN-Nail



Nail Unit in Futuristic Design with 25.000 rpm

Art. No.	Description
3884	KN-Nail
0895	KN-22 (with Xantos-22 handpiece)

Oceanos Limited



Combi suction & spray unit with 40.000 rpm and 2 handpieces

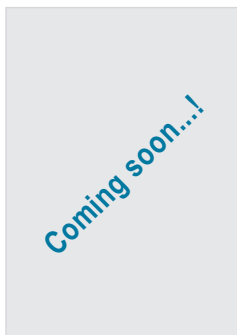
Art. No.	Description
0569	Oceanos Limited complete unit
0569 UK	Oceanos Limited complete with UK plug

Posters

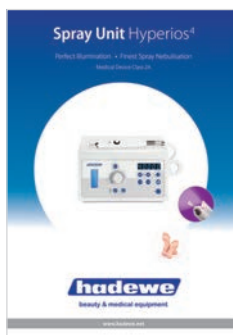
Please let us know, if you need any of the following posters (Art. No. 2014-xx)



2014-013 Medeas



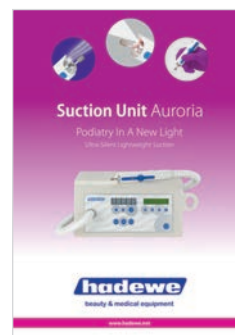
2014-014 Azuras



2014-015 Hyperios4



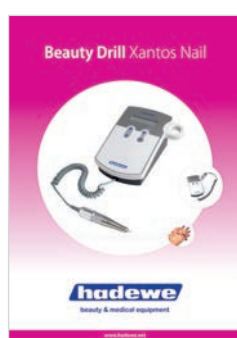
2014-006 Auroria (blue)



2014-007 Auroria (pink)



2014-002 Helius



2014-010 Xantos Nail



2014-012 g-file (German)



2014-004 Elephant (German)



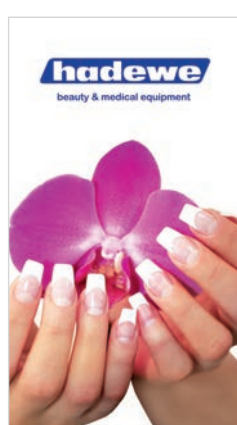
2014-005 Flamingo (German)

Roll-Ups

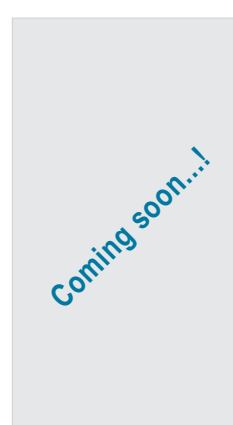
These Roll-Ups are perfect for your showroom or exhibition booth (Art. No. 2013-xx)



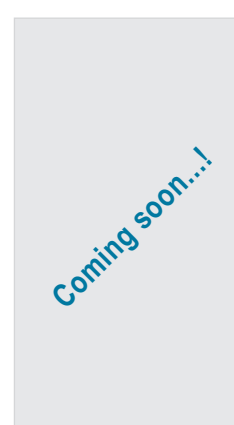
2013-001 Foot Care



2013-002 Nail Design



2013-003 Medical Devices



2013-004 Spray/Suction

Catalogues

Order extra copies of this catalogue for your customers.



Article No.	Description
2001	Export Catalogue English
2002	Export Catalogue English without € retail prices
2000	German Retail Catalogue
2021	Instrument Catalogue German
2022	Instrument Catalogue English
Printed copies of current hadewe catalogues for your customers	

Additional hadewe Medical Device & Product Information

Are the hadewe Medical Devices Class 2A Medical Devices?

Yes, hadewe is one of a handful of manufacturers who is actually producing MDs for the podiatry market in the European Union. Our whole company is audited and certified annually to ensure we meet the requirements of a Medical Device manufacturer in compliance with DIN EN ISO 13485 and 93/42/EEC. The individual MDs also have to run a lot of tests in external laboratories to meet the requirement of a Class 2A Medical Device. Make sure that you compare if other machines on the market really are declared as "Class 2A", because everything else is not the standard.

Which hadewe units are Medical Devices?

It is indicated in the individual product description which unit is a medical device, and which is not. Units of the current Helius, SB, Hyperios and SPR series are all medical devices. Aurora & Veloria are now offered as optional Medical Devices. All these medical devices have a CE 0482 certificate. Argos and smaller drills are not medical devices. They of course still have a CE certificate, but not with the medical device number.

What kind of tests is hadewe executing for Medical Device registration in Europe?

All hadewe Medical Device units are in compliance with the following standards:

- All tests regarding the safety are in compliance with IEC 60601-1.
- The electromagnetic compatibility is in compliance with IEC 60601-1-2
- The symbols and markings on our medical devices are in compliance with DIN EN ISO 15223
- The risk management is in compliance with DIN EN ISO 14971
- The Software is in compliance with DIN EN 62304 (VDE 750-101)
- The suitability for use is in compliance with IEC 60601-1-6
- The quality management system is in compliance with DIN EN ISO 13485 and 93/42/EEC

What are the GMDN codes for each hadewe product?

The **Global Medical Device Nomenclature (GMDN)** is a system of internationally agreed generic descriptors used to identify all medical device products, which we used in the past.

- Medical Devices have the GMDN Code MD 1104 for "Active surgical devices".
- Non-medical devices have no GMDN Code, because they are no medical devices.

What is the UMDNS number for the hadewe Medical Devices?

The **Universal Medical Device Nomenclature System (UMDNS)** is classification system to assign a code class for Medical Devices. hadewe presently only uses the UMDNS codes.

- hadewe units have the UMDNS code 11-177 Dermabrasion Units (Hautabschleifgerät)

What are the customs tariff codes for the hadewe products?

The 8-digit customs goods numbers for the most important hadewe products are:

84672959 – medical podiatry units / rotating grinding machines
90189085 – Handpiece for podiatry unit
90330000 – Spare Parts for Podiatry Units
94036030 – Cabinet for Salon/Studio

Are hadewe machines Made In Germany?

Almost all of our products are manufactured in Hannover, Germany. Our family company has been in the production business for over 50 years. We have a manufacturing facility with CNC machines in which even most of our smaller spare parts are produced. The podiatry and dental machines themselves are also assembled in our building in Hannover.

Is hadewe an Authorized Economic Operator (AOE)?

Yes, we are an approved Authorized Economic Operator. The AEO concept is one of the main building blocks within the WCO (World Customs Organisation), using the SAFE Framework of Standards (SAFE) to guide international Customs Administrations towards a harmonised approach.



What is the purpose of the use for each hadewe product?

- Medical Devices are used for drilling, grinding, milling, and trimming in order to remove diseased skin.
- Non-medical devices are used for drilling, grinding, milling, trimming and polishing in order to remove skin for cosmetic purpose.

How are the units cleaned or disinfected?

The hadewe devices are designed to be compatible with rotating instruments which do not penetrate the skin or mucosal, or inadvertently may still cause injuries. For this application the following cleaning and disinfection instructions have to be carried out after every treatment:

- Remove the rotating tool (e.g. bur, capper, etc.) first. Then handle the tool according to the manufacturer's instructions.
- Remove tissue remains by wiping off the unit with a mildly moistened paper cloth. Afterwards clean all surfaces with disinfection cloth (for example the German Mikrocid AF Tücher of Schülke and Mayr). There is no limit to the number of times this device can be cleaned and disinfected during its lifespan.

Which filter bags are hadewe recommending for the which application?

The **Bundesgenossenschaftliches Institut für Arbeitssicherheit (BIA)** in Sankt Augustin is the **German institute for Health and Safety in work environment**. Filter media used in dust removal machines (SBM) is tested in accordance to the SBM dust class DIN EN 60335-2-69 appendix AA. The maximum degree of permeability (of the lowest and highest filter surface load) decides whether a filter material is classified as L, M or H class.

5115: Paper filter recommended application: foot care salon, no pathogenic agent present
dust retention capacity: 99%
standard: BIA class L

5179: Micro fleece filter recommended application: hospital, podiatry/chiropractic dust retention capacity: 99,9%
standard: BIA class M

Which method is used to measure the suction capacity?

There are many different ways to measure the suction capacity, ranging from measuring the water flow in liters per meter, or the air flow in meters per second.

The whole figure (regardless of the measuring technique) is rather difficult to compare. One company measures the flow starting at the handpiece, the other at the control unit exit or maybe even at the suction motor itself (which doesn't say anything at all, because the length and diameter of the suction tube is definitely influencing the suction capacity).

There have been market measurements ranging from between 4,5-8 m/sec, and from 188-280 l/m in the past, but these figures are unreliable and unrealistic, since no unified measuring technique has been created yet. Nor do we have any government guidelines for it. We therefore refrain from giving out any unrealistic figures at this point, and urge you to be careful when comparing such figures.

Which instruments does hadewe recommend for use with the drills?

Hadewe offers a supplement line of high-quality instruments made in Germany, and we strongly recommend using only these or similar high quality instruments with a shaft of Ø 2,35 mm.

Also make sure to uphold the following rules.

- Broken or deformed cutters and burs cause vibrations and lead to rough surfaces and high temperatures.
- Empty spaces on diamond instruments are indicating a missing abrasive grain, which in turn suggests a dull instrument. Using dull instruments leads to high temperatures and may cause damage on the tissue!
- Any bent and uneven/roughly running instruments must be sorted out immediately.
- Avoid using too much pressure by all means, since this may cause heightened temperature.

What is the recommended speed for burs and instruments?

The speed of an instrument is depending on the application it is used for. The maximum speed is further indicated on the manual and packaging label of the individual instrument. These separate manuals are overriding any instructions and recommendations listed here.

Some general speed recommendations:

- The bigger the instrument's head is, the lower the speed has to be!
- Recommendation (for example "max. 6.000 - 100.000 min⁻¹") means the instrument is suitable for micro motor handpieces (or turbines) up to the specified speed.
- When using instruments with a higher diameter than the shank diameter (especially large instruments, like cap polishers) high centrifugal forces can occur at higher speed. This could lead to bending of the shank and/or breaking of the instrument. For that reason never exceed the maximum speed indicated on the label.

How are the burs and instruments cleaned or disinfected?

The exact procedures of how to handle the instruments have to be followed from the **General Use & Safety Instructions For Rotating Podiatry Instruments** (manual) of each individual tool. The Adequate Use, Directions for Storing and Conditioning and the Recommended Procedure thereof are listed in the instrument's manual. These separate manuals are overriding any instructions and recommendations listed here.

Here are some general recommendations in regard to cleaning agents.

- The cleaning agent has to be aldehyde-free to prevent protein fixation on the material
- It has to be alkaline-based
- It has to be DGHM tested
- They should never be used in a chemical disinfectant
- They should not contain hydrogen peroxide
- The cleaning agent must never contain any chloride content or saline solutions (this will lead to corrosion)

Here are some general directions in regard to the material tolerance:

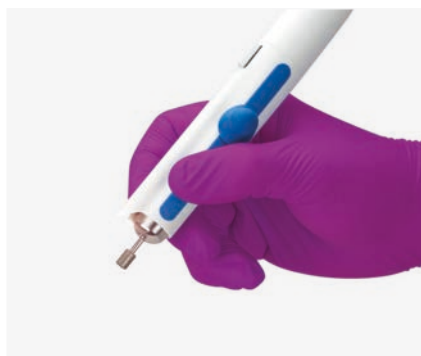
- Always use cleaning or disinfection agent with corrosion Protection (which is aldehyde-free, alkaline, and DGHM-tested)
- Polishers and corundum burs are to be conditioned with suitable alcohol-free agents
- Most instruments from the hadewe instrument catalogue are suitable for sterilization in an autoclave at 134°C or for hot air sterilization at 180°C. Exceptions are polishers and corundum burs, which may only be autoclaved at 134°C. The carriers (holders/retainers) of the cap polishers may only be sterilized in the autoclave's easy program at 121°C. The caps themselves and the polishing brushes may not be conditioned! They are disposable.
- The end of an instrument's life is defined by use and attrition.

Some recommended cleaning agents from German manufacturers are:

- Schuelke Rotasept
- Komet Dental DC1



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