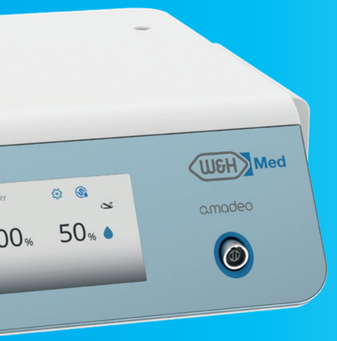
amadeo

Optimum flexibility during treatment

The combination of a powerful surgical motor and innovative piezo technology brings together the best of both worlds in the W&H Med Console. This modularity offers a high level of control during surgical procedures, from modelling to the processing of bone and cartilage tissue.



Technical data

Type:	Amadeo M-UK1023/1015/1010
Supply voltage:	230 V/120 V/100 V
Nominal current:	0.3–0.8 A/0.3–1.6 A/0.3–1.4 A
Frequency:	50–60 Hz
Supply fuse (2 pcs):	250 V-T1.6AH
Maximum power consumption:	170 VA/170 VA/140 VA
Maximum output:	80 W
Maximum torque at the motor:	6.2 Ncm
Motor speed range in the nominal voltage range:	200–40,000 min^{-1}
Coolant flow rate at 100%:	minimum 90 ml/min
Dimensions in mm (W × H × D):	262 × 100 × 291
Weight in kg:	3.5
Foot control:	S-N2/S-NW
Straight and contra-angle handpieces:	S-9/S-10/S-11/S-12/S-15/WS-75/WS-75 L G
Warranty:	12 months
Warranty for straight and contra-angle handpieces:	12 months
Protective class:	ME equipment protective class II

Type:	Piezomed Pro control unit M-PM100
Supply voltage:	100–240 V
Operating voltage:	30–32 V DC
Frequency:	50–60 Hz
Maximum output (ultrasonic):	24 W
Operating frequency:	22–35 kHz
Coolant flow rate at 100%:	minimum 90 ml/min
Operating mode:	S3 (60 s ON/30 s OFF)
Dimensions in mm (W × H × D):	140 × 90 × 285
Weight:	635 g
Length of handpiece cable:	3.5 m
Foot control:	S-N2/S-NW

Type:	Handpiece with cable M-PH350
Maximum power consumption:	24 W
Frequency (ultrasonic):	22–35 kHz
Frequency:	50–60 Hz
Coolant flow rate at 100%:	minimum 90 ml/min
Operating mode:	S3 (60 s ON/30 s OFF)

Distribution:

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Pictures are for illustrative purposes only. Additional equipment and accessories shown are not included as standard.

20583 AEN Rev.: 002 / 30.03.2026
Subject to alterations

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W&H Med

W&H Med Console

piezomed pro

Modularity for optimum **flexibility**

The **W&H Med Console**, consisting of **Piezomed Pro** and **Amadeo**, offers optimum flexibility for a wide variety of treatments. The unique **2-in-1 solution** combines innovative **piezo technology** with a powerful **surgical motor**.
What a huge relief for the patient: less swelling, better healing!

Special tips for **individual** treatments

The **tailor-made** tip portfolio offers **individualised** treatment and unrivalled **precision**, ensuring safe and efficient surgical procedures with optimum results. Developed in close cooperation with experts, the tip range offers **practical solutions** – perfect for the requirements of everyday medical practice.
The tips are available as both sterilizable reusable and sterile disposable tips.

I consider the new surgical system from W&H Med to be an all-in-one solution with integrated ultrasonic technology and bur. I was involved in developing the exclusive piezo tip set for dorsal preservation rhinoplasty, which makes it safer to treat subdorsal structures.

Dr Milos Kovacevic
Specialist in ENT medicine and plastic facial surgery

Instrument changer
Particularly durable and robust – for simple and quick changing of instruments with the appropriate torque thanks to a high-quality torque wrench.

piezomed pro

Safe treatment
The piezo technology minimises the risk of injuries to surrounding tissue, nerves and blood vessels. This makes procedures safer and more effective.

Accelerated healing process
High-frequency micro vibrations enable precise cutting of the bone. This minimises trauma and promotes optimum healing, as well as comfortable post-operative recovery. Minimally invasive, maximally impressive.

Efficient cooling
The spray is expelled close to the instrument's operating site and provides cooling exactly where it is needed.

Handpiece
The ergonomic Piezomed Pro handpiece offers easy access and effective cooling.

Foot control – maximum freedom of movement
Flexible use of both devices with a single wireless foot control and long range ensure complete freedom of movement during surgery.

amadeo

W&H Med Console

Intuitive and effortless operation
Colour touch screen with user-friendly menu navigation and pre-set programs for structured surgical procedures.

Focus on the essentials
During treatment, the display shows only the central functions.

For assistants
The newly designed pump enables the coolant hose to be inserted safely and quickly.

The W&H Med Console combines piezo instruments and rotary instruments for a variety of plastic surgery procedures, including rhinoplasty. I worked with the experts to develop special tips for closed rhinoplasty to preserve the nasal bridge – an innovation I am proud of.

Dr Philipp Mayr
Specialist in plastic, aesthetic and reconstructive surgery

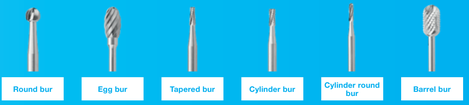
Transmission instruments

The specially designed range of surgical handpieces and contra-angles offers maximum safety and efficiency for ear, nose and throat surgery and craniomaxillofacial surgery. The robust stainless steel and a scratch-resistant coating deliver durability, while the steady release of coolant ensures precise cooling and safe working. In addition, all straight and contra-angle handpieces can be fully disassembled for easier cleaning and processing.

S-9	S-10	S-11	S-12	S-15	WS-75	WS-75 LG
Transmission ratio 1:1	Transmission ratio 1:1	Transmission ratio 1:1	Transmission ratio 1:2	Transmission ratio 1:1	Transmission ratio 20:1	Transmission ratio 20:1 with generator LED

Precision burs for a wide range of treatment areas

We offer a comprehensive portfolio of burs, available in two lengths (44.5 mm and 70 mm) and compatible with our transmission instruments. Designed precisely for our system, the burs enable accurate working with minimal vibrations. With various geometries available, our portfolio reliably covers a wide range of surgical applications and expands the scope of use, for efficient and safe surgical procedures.



Round bur | Egg bur | Tapered bur | Cylinder bur | Cylinder round bur | Barrel bur

Bud bur | Pear bur | Diamond bur | Diamond bur coarse | Twist drill | Lindemann bur

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