

Amadeo shows its versatility

In 'Amadeo', surgeons have a high-quality and powerful surgical motor for use in ear, nose and throat, craniomaxillofacial, thoracic and spine surgery, as well as special orthopaedic surgery.



Ear, nose and throat

ENT surgery is a varied surgical field. Amadeo's product features include a specially designed program sequence for inserting bone conduction hearing implants.

Craniomaxillofacial

Amadeo and W&H's innovative technology guarantee precise speed and torque regulation as well as continuous cooling for the full spectrum of oral and craniomaxillofacial procedures.

Thoracic

Thanks to its high torque, Amadeo enables plate systems to be attached trouble-free in thoracic surgery.

Spine

Amadeo reaches speeds of up to 80,000 rpm while simultaneously supplying coolant locally, thereby enabling effective removal of bone structures with minimal risk of heat necrosis.

Orthopaedics

Amadeo assists you in orthopaedic small bone surgery for procedures to reconstruct and stabilize bones and correct misalignments.

Technical data

CE
0297

Type:	Amadeo M-UK1023/1015/1010
Supply voltage:	230 V/120 V/100 V
Rated 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-T1.6 Ah
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 x H x D):	100 x 262 x 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:	24 months
Warranty for straight and contra-angle handpieces:	12 months
Protective class:	Class II medical electrical equipment

Applied guidelines and standards (extract):

93/42/EEC Medical Device Directive	IEC 60601-1 Technical safety requirements	IEC 60601-1-2 Electromagnetic compatibility
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Manufacturer:

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There's a virtuoso in every surgeon



amadeo



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

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 Subject to alterations

Composition of the highest level

Amadeo's impressive and versatile user interface helps to turn your surgical intervention into a masterpiece: after all, in addition to the surgeon's expert knowledge, a reliable and powerful drive unit is key to the success of the surgical procedure.



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, only the central functions are shown on the display.

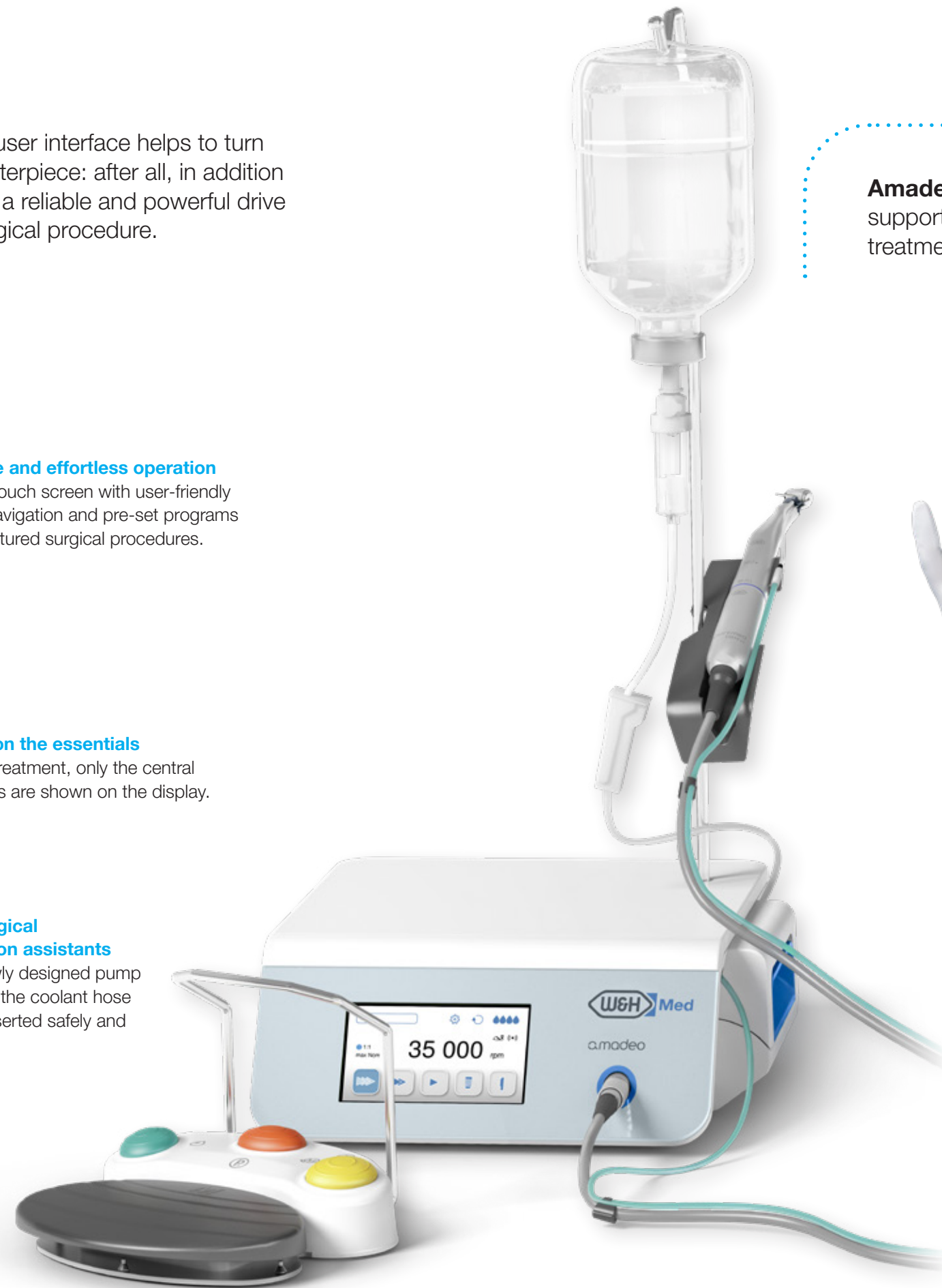


For surgical operation assistants

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

More freedom of movement

The wireless foot control allows you to choose the optimal location in your working area.



Amadeo gives me full support in my clinical treatment pathway.

Transmission instruments in harmony

Choose the suitable transmission instrument for your application from a selection of surgical handpieces and contra-angles: whether it's ear nose and throat, oral and craniomaxillofacial, thoracic and spine surgery or special orthopaedic surgery.

High-quality stainless steel with a scratch-resistant coating makes the contra-angle handpiece robust and particularly durable.

Targeted and even coolant release ensures precision cooling of the treatment site, ensuring efficient yet safe working.



Surgical handpieces with a lever chuck enable easy and secure insertion of rotary instruments.

In order to meet the demanding hygiene requirements, all instruments can be easily disassembled and are thermo washer disinfectable and sterilizable.



The WS-75 contra-angle handpiece with LED light significantly improves visibility of the treatment site.