

People have Priority



# Endodontics





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W&H Dentalwerk  
Bürmoos



W&H Sterilization  
Brusaporto



The stakes are high.  
We are working with people.

Our most important tool is experience:  
W&H has been manufacturing high-quality handpieces and contra-angles since 1890. And the company has produced genuine advances in the field of endodontics over the years.

The secret of our success: W&H has always placed people – regardless of whether they are partners, customers, patients or employees – in the centre. An example. We know: even educated people prefer not to read long introductions. We therefore stop here.

People  
have  
Priority

#### W&H at a glance

- > Head office in Austria
- > 980 employees worldwide
- > 80 teams
- > Established 1890 in Berlin by Jean Weber and Hugo Hampel
- > 3 production facilities
- > 18 subsidiaries in Europe and Asia
- > Export share over 95 %

For more information see  
[wh.com](http://wh.com)



Christina Pfaffinger  
Employee at W&H Bürmoos



»A dream comes true:  
wireless working!  
Complete freedom of movement  
with no obstacles.«

Dr. med dent. Holger Dennhardt  
specialist for dentistry and odontology, specialist for endodontics.



»I can keep using my hand files!«

Dr. Manfred Krah  
specialist for dentistry and odontology.



»The smallest head!  
I have an outstanding view  
into the patient's mouth.«

Dr. Dr. Simon Enzinger  
specialist for oral and maxillofacial surgery.

### Your advantages at a glance

- > Wireless for complete freedom of movement
- > Contra-angle attachment with extremely small head for the best possible access to the treatment site
- > Torque limiting and torque control
- > Auto reverse and auto forward mode
- > Reliability with long-life Li-ion battery
- > Ergonomic drive handpiece for fatigue-free and comfortable working
- > Contra-angle attachment thermo washer disinfectable and sterilizable



## Entran

More information  
from page 9

### Your advantages at a glance

- > Proven hand files can still be used
- > Oscillating file movements
- > Fast and fatigue-free working
- > Thermo washer disinfectable and sterilizable



## Endea Endo Cursor

More information  
from page 11

### Your advantages at a glance

- > Small head for best possible access to the treatment site
- > Hygienically perfect, easy to use with non-slip handle
- > Fully ball bearing mounted for precise transmission of speed to the file (Endea)
- > Thermo washer disinfectable and sterilizable



## Endea Endo NiTi

More information  
from page 13

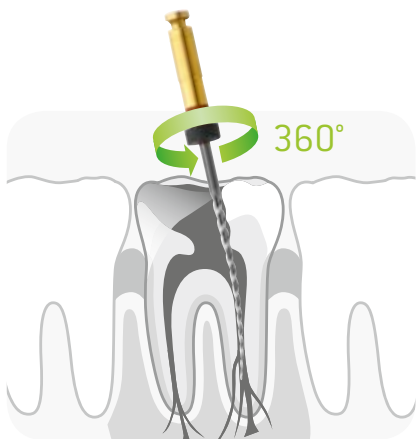
Entran





# Absolute freedom of movement

**Cordless and safe:** Entran is an easy-to-use endodontic system that is safe and effective in use.



## Nickel-titanium files

Precise, fast and efficient preparation of the root canal with 360° rotation.



## Small head

The extremely small head enlarges the field of vision and offers the best possible access to the treatment site.



## Safety functions

The autoreverse and autofoward modes with automatic safety stop minimize the risk of file breakage.



## Torque control

The LED control ring lights up when over 75% of the set torque is reached.



## Maximum comfort

Ergonomically shaped drive handpiece for comfortable and fatigue-free working.



## 360° rotating contra-angle attachment

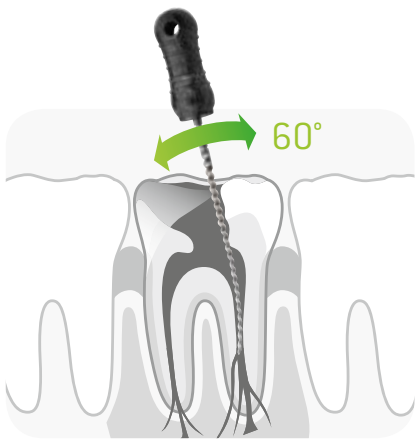
The contra-angle attachment can be attached to the drive handpiece as required. This means flexible handle positions during treatment.

# Endea Endo Cursor

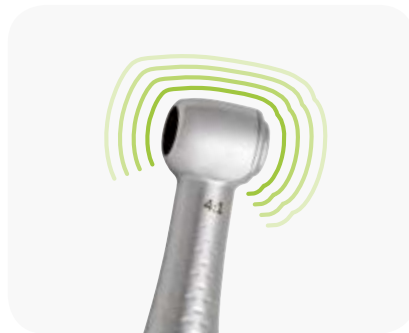


## Ideal for use with hand files

**Fast, efficient and convenient.** The Endea Endo Cursor supports your work with proven hand files, except that it is motorized. It makes your work significantly faster and virtually fatigue-free.



**Stainless steel hand files**  
Root canal preparation with 60°  
rotary file motion.



**Small head and slim shape**  
Excellent view with optimum access  
to the treatment site, particularly in  
the molar region.

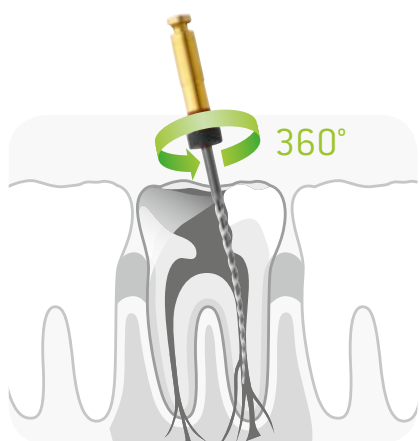
Endea

Endo NiTi



# Contra-angles specially for nickel-titanium files

**Versatile, precise and practical.** The Endea and Endo NiTi contra-angles guarantee the best possible access to the treatment site and have been specially designed for efficient working with highly elastic nickel-titanium files.



## Nickel-titanium files

Precise, fast and efficient preparation of the root canal with 360° rotation.



## Shortened file shafts

They reduce the overall working height and simplify access, particularly to the posterior region of the oral cavity.



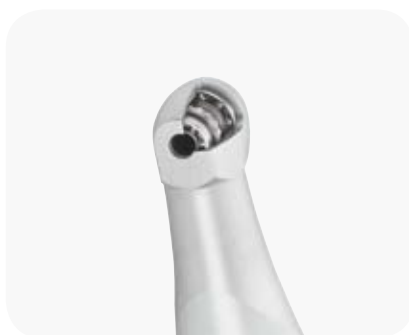
## Very high quality

The extremely durable contra-angles are an example of reliability and are particularly quiet in operation.



## Extremely small head

Endea, with its extremely small head, offers even better access to the treatment site.



## Fully ball bearing mounted

The extremely durable steel ball-bearings in the Endea ensure precise transmission of speed to the file.

# Entran



## EB-3 H handpiece drive

Battery type:	Li-ion
Battery voltage:	3.7 V
Rated capacity:	680 mAh
Speed at root canal instrument:	300 min <sup>-1</sup>
Torque stages:	0.5 / 1.0 / 1.5 / 2.5 / 4.0 Ncm
Weight:	85 g

## EB-16 contra-angle head

Transmission ratio:	16:1
Coupling system:	W&H coupling
Recommended root canal instruments according to EN ISO 1797-1:1995:	Files for rotary root canal preparation at 300 min <sup>-1</sup> with a shaft diameter of 2.35 mm
Weight:	35 g
Hygiene:  	thermo washer disinfectable / sterilizable

## Charging station

Mains voltage:	100 – 240 V
Permissible voltage fluctuation:	±10 %
Frequency:	50 – 60 Hz
Rated current:	0.08 – 0.12 A
Power:	5 W
Weight:	345 g

# Endea Endo Cursor



<b>Type:</b>	EB-62
Transmission ratio:	4:1
Recommended root canal instruments:	Hand root canal instruments Ø 3.6 – 4 mm
Max. motor speed:	6.000 min <sup>-1</sup>
Connection diameter:	20 mm
Coupling system:	Motors with ISO connection according to ISO 3964 (DIN 13.940)

# Endea



<b>Type:</b>	EB-75	EB-79
Transmission ratio:	16:1	2:1
Recommended root canal instruments according to EN ISO 1797-1:1995:	Nickel-titanium files, suitable for 360° rotation, shaft diameter 2.35 mm (type 1)	
Connection diameter:	20 mm	20 mm
Coupling system:	Motors with ISO connection according to ISO 3964 (DIN 13.940)	

# Endo NiTi



<b>Type:</b>	WD-73 M	WD-74 M
Transmission ratio:	70:1	128:1
Recommended root canal instruments as per EN ISO 1797-1:1995:	Nickel-titanium files, suitable for 360° rotation, shaft diameter 2.35 mm (type 1)	
Connection diameter:	20 mm	20 mm
Coupling system:	Motors with ISO connection according to ISO 3964 (DIN 13.940)	

# Endodontics

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

Scan the QR code with your mobile phone for more information about our products



**W&H Dentalwerk Bürmoos GmbH**  
Ignaz-Glaser-Straße 53, Postfach 1  
5111 Bürmoos, Austria  
t + 43 6274 6236-0  
f + 43 6274 6236-55  
office@wh.com  
wh.com