

# COMBIDRIVE EN

Ideal for Endoscopic Spine Surgery



The COMBIDRIVE high-speed burrs are ideal for performing bony resection in endoscopic spine procedures, including foraminoplasty.

The burrs are specifically designed for use through the working channel of the 4.1 mm Vertebris spine endoscopes (89210.1254 and 89210.3254).

The COMBIDRIVE is the only high-speed burr system that permits resection of bone under direct endoscopic visualization.

For more information or to arrange a trial, call your Richard Wolf representative or Customer Service at 800-323-WOLF (9653).



## COMBIDRIVE EN

- Ideal drive system for endoscopic spine surgery
- High speed burrs fit through endoscope working channel
- Carbide and diamond burrs speed the resection of bone
- Additional attachments for microsurgery and endoscopy



# COMBIDRIVE EN

The Versatile Drive System

# High-speed applications

Angled Handpiece for Endoscopic Spine Burrs



COMBIDRIVE EN drive system

COMBIDRIVE EN is the versatile drive system for endoscopic spine surgery and microsurgical interventions, featuring:

- ✓ Micro-processor-controlled system unit
- ✓ Easy to program control panel that simplifies entry of operating parameters
- ✓ Waterproof footswitch for easy control
- ✓ Built-in roller pump for optional irrigation of the operating area
- ✓ Support for a wide array of handpieces:
  - High speed angled handpiece with operating speeds up to 40,000 rpm
  - M4 and M5 Power Stick shaver handpieces
  - Additional high-speed handpieces for use in ENT, arthroscopy, and other disciplines.

**Technical Data:**  
 Speed range: 500 - 40,000 rpm  
 Torque: 1 - 10 Ncm  
 Pump: 100 ml / min  
 Motor power: 200 W  
 Dimensions: 290 x 110 x 260 mm  
 Weight: 4.5 kg  
 Power supply (switchable): 230 / 115 V a.c.

	Item #
COMBIDRIVE EN set	20951.011
Set includes:	
Control unit	20951.0201
Foot pedal	20951.0401
Electronic motor, medium	80951.0002
Endoscopic angled handpiece	82950.1301
Spray attachment for handpieces	40900.1201
Spray attachment for motors	40900.1202
Cleaning spray (500 ml can)	40900.1000



Angled handpiece with INTRA coupling

**AUTOCLAVE**  
134° C / 273° F

	Max. revs / min	Gearing	Length	Ø	Item #
Endoscopic angled handpiece	40,000 rpm	1:1	110 mm	2.35 mm	82950.1301



Brushless electronic motor with INTRA coupling

**AUTOCLAVE**  
134° C / 273° F

	Item #
Electronic motor, medium, 21 mm Ø (with connecting cable)	80951.0002
Replacement cable for electronic motor, medium, 3 M length	80951.0202



Tungsten carbide burrs (shown with hooded outer tube)



Diamond burrs (shown with open outer tube)

	Ø	Item #
Ball burr pack of 3	3.0 mm Tungsten carbide	82960.3730
	3.0 mm Diamond	82960.3930
	4.0 mm Diamond*	82960.3940
Outer tube with distal guard		82970.1330
Outer tube open		82970.1340

\* must be used with open tube 82970.1340