

# technical data

<b>Generic Device Group</b>	Endo Motors
<b>Model</b>	E88

**Image**



<b>Regulation</b>	Medical Device Directive 93/42/EEC
<b>Classification and Rule</b>	Class IIa, Rule 9
<b>Basic UDI-DI</b>	697259778EE001KQ
<b>Intended Use</b>	Use for dental root canal treatment using endodontic instruments in torque controlled continuous rotation and in reciprocating movement.

<b>Description</b>	<ul style="list-style-type: none"> <li>- For Professional Dental Application Only</li> <li>- Refer to instructions for use</li> <li>- Gear ratio 1:1</li> <li>- 5 reciprocation modes (M0)</li> <li>- 9 editable memory programs (M1 to M9)             <ul style="list-style-type: none"> <li>- Speed range: 120-1000rpm</li> <li>- Torque range: 0.5Ncm-4Ncm</li> </ul> </li> <li>- Digital OLED, ambidextrous display</li> <li>- Low noise motor</li> <li>- Torque calibration</li> <li>- Volume adjustable</li> <li>- File clip with large arc for easier file installation</li> <li>- Detachable contra angle handpiece, 360° adjustable</li> <li>- Integrate e88 Endomotor with e98 Apex Locator (Connect function)             <ul style="list-style-type: none"> <li>- In connect function the e88 Endomotor can mirror the e98 Apex Locator screen</li> <li>- Auto Start and Stop</li> <li>- Apical Reverse</li> <li>- Apical Slowdown</li> </ul> </li> </ul>
--------------------	--

<b>Modes</b>	<p><b>Reciprocating modes</b></p> <p>Pre-set angles</p> <p style="text-align: center;">M0 Angles</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black; text-align: center;">FWD</td> <td style="width: 50%; text-align: center;">REV</td> </tr> </table>	FWD	REV
FWD	REV		

30°	150°
150°	30°
180°	30°
210°	30°
250°	30°

### Rotary (Continuous) Modes

Adjustable programmes, default settings

MODE	SPEED (rpm)	TORQUE (Ncm)
M1	350	1.5
M2	300	2.0
M3	350	3.0
M4	400	2.5
M5	500	1.5
M6	600	1.5
M7	700	1.0
M8	800	1.0
M9	1000	1.0

### Battery Specifications

Other	Nominal voltage	3.7V
	Capacity	1500mAh
	Adaptor output	5V – 1A

Packaging Description	Primary	1pc/box
	Dimensions	21.5cm x 10cm x 10cm
	Weight	690g

**Packaging Languages** EN, PL, DE, FR, IT, ES, PT, FI, NO, SV, JA, ZH

Composition	Handpiece	Glass / PC / ABS / Cooper / Resin
	Contra angle	Stainless Steel / Nickel-plated brass
	Insulating sleeve	Silicone Rubber
	Data transfer cable	Plastic / Copper / PVC
	Adapter	Magnetic core
	Spray nozzle	Aluminium / Plastic

**Traceability** UDI / Serial Number

**Warranty** 12 months

**Storage Conditions**

- Do not store in direct sunlight, store in a cool dry place
- Ambient temperature: -20°C ~ +55°C
- Relative humidity: 20%-80%, non-condensing
- Atmospheric pressure: 70kPa-106kPa

**Country of Manufacture** China

Nomenclature	EMDN	Z12110101
	GMDN	66245
	UMDNS	11161

**Reprocessing** Refer to instructions for use

**Material Safety Data Sheet** N/A

**Manufacturer** Changzhou Sifary Medical Technology Co., Ltd.

**Manufacturer SRN** CN-MF-000010405519

**EU Representative** Caretechion GmbH

**EU Representative SRN** DE-AR-000005946

**UK Representative** NPZ technology Ltd.