

# PEZON®

**ORIGINAL PIEZON® METHOD** FOR INTEGRATION INTO THE **DENTAL CHAIR** 



E.M.S. Electro Medical Systems S.A.

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# **EMS-DENTAL.COM**



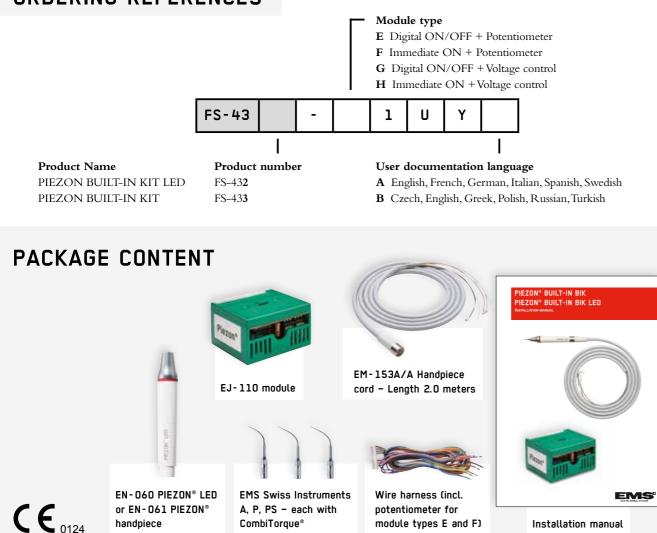
### **OVERVIEW**

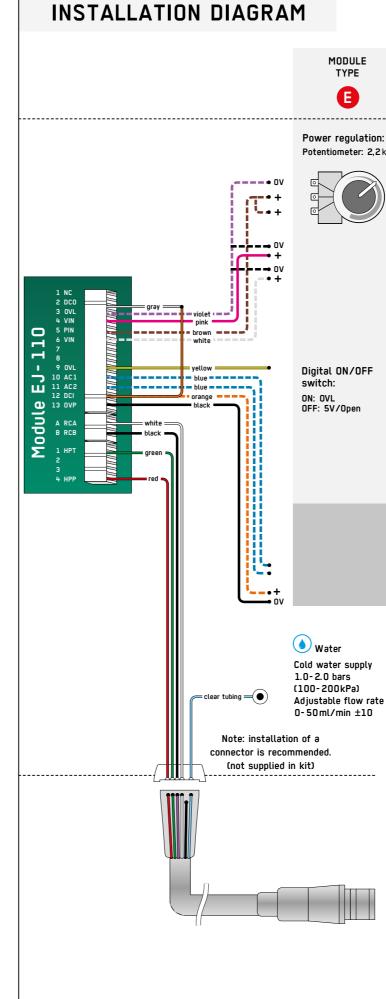
The PIEZON<sup>®</sup> BUILT-IN KIT combines the legendary original PIEZON<sup>®</sup> standard technology with the incomparable ergonomics, design and performance of premium Original PIEZON<sup>®</sup> handpieces. The result is a cost effective ultrasonic built-in scaler offering Swiss quality and perfect linear oscillation that can be integrated into virtually any dental chair.

# **PRODUCT FEATURES**

- > Drives both EN-060 Original PIEZON<sup>®</sup> LED or EN-061 Original PIEZON<sup>®</sup> handpieces with the exact same cord and electronic setup. This allows the integrator to offer different value propositions while simplifying technical integration, product registration and spare-part management.
- > Compatible with the entire EMS Swiss Instruments range.
- > Handpiece resistant to washer disinfector and to more than 1'000 autoclave sterilization cycles at 135°C.
- > Power output control by potentiometer or 0 5 / 0 10 Vdc voltage.
- > Handpiece LED controlled by ultrasonic module or directly from the chair electronics.

# **ORDERING REFERENCES**





	MODULE TYPE	MODULE TYPE	MODULE TYPE
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<b>on:</b> , <b>2</b> kΩ	<b>Power regulation:</b> Potentiometer: 2,2 kΩ		
		Voltage control: D-5 Vdc Voltage control: D-10 Vdc	Voltage control: O-5 Vdc Voltage control: O-10 Vdc
	Immediate ON with power supply Do not connect yellow (ONL) wire in that case	Digital ON/OFF switch: ON: OVL OFF: SV/Open	Immediate ON with power supply Do not connect yellow (ONL) wire in that case

Supply voltage: AC installation: 24V AC (±10%) OR DC installation: 32V DC (±10%)

### **TECHNICAL DATA**

Manufacturer	E.M.S. Electro Medical Systems S.A.	
	1260 Nyon – Switzerland	
Model	PIEZON <sup>®</sup> BUILT-IN KIT /	
	PIEZON <sup>®</sup> BUILT-IN KIT LED	
Classification	EN 60601-1: Applied part Type B	
	MDD 93/42: Class IIa	
Mode	Continuous operation	
Power supply	24 VAC $\pm$ 10% or 32 VDC $\pm$ 10%	
Max. power consumption	18VA	
Max. power output	8 W	
Frequency range	24 – 32 kHz	