



Piezo Tip Shapes

EP1- Piezo Universal



EP6- Piezo Broad Spatula



EP4- Piezo Flat Long Perio



EP9- Piezo Fine Subgingival Perio



Engler Piezo scaler circuitry uses integrated computer technology along with our Time Remote Feedback Circuitry. This combination produces a powerful and potent tool against periodontal disease. A reinforced solid aluminum chassis surrounds the internal circuit board, providing a very durable and reliable unit.

The dental piezo scaler utilizes an ultrasonic principle of operation. The internal circuitry converts ordinary line voltage to an operating frequency of approximately 30,000 Hz. This frequency is then amplified and delivered to the scaling tip. As a result, the tip vibrates at this ultrasonic frequency with an amplitude of 0.001 to 0.004 in. (25.4 μ m to 102 μ m).

In designing our unique Engler interchangeable piezo tips, water flows internally through the tip as it vibrates. As the bubbles in the lavage are bactericidal, the energy released collapses and destroys the bacterial cell walls. The water flowing internally through the tip, effectively cools the area and assists in removing any debris from the operative site.

This device is equipped with a digital readout that provides an indication of the power setting.

Engler Piezo Scaler

ENGLER PIEZO SCALER

Engler has incorporated the State of the Art microchip circuitry into a new highly efficient scaler, the Engler Piezo Scaler. The Engler Piezo Scaler is autotuned. By constantly scanning and compensating, the oscillation is maintained at optimum frequency when pressure is applied to the tip, eliminating even partial loss of power. You can perform curettage, deep scaling of heavy calculus and stains.

There are 8 different tips available for the Engler Piezo Scaler. Our stainless steel, heat treated tips glide smoothly across the tooth surface. The WATER FLOWS INTERNALLY THROUGH THE TIP - DIRECTLY TO THE OPERATIVE SITE, gently cooling and lubricating the tooth and washing away blood and dislodged debris.

At the touch of the foot control, the tip is powered instantly without stalling. Even after the foot control is released, the scaler's delayed cavitation feature disperses the excess water into a fine mist, thereby eliminating annoying "after drip".

Scaler:

- Autoclavable scaler handpiece
- Handpiece with LED light with light guide also available
- 3 Assorted Tips
- Tip wrench
- Water line with inline water filter and quick disconnect attached
- Foot Switch

Water connection options: (Select one):

- Water bottle with female quick disconnect
- Saddle valve with female quick disconnect
- Faucet diverter with female quick disconnect

Technical Data:

Water input pressure: 30-60 PSI (2-5 Bar)

Power Supply: 110 or 220 VAC 50 / 60 Hz

Scaler Operating Frequency: 27,500- 31,000 Hz, Autotuned.

Dimensions: Width 7 ½", Length 9 ½", Height 3 ¼" / 19.0 cm x 24.1 cm x 8.3 cm

Net Weight: 5 ¾ Lbs / 2.6 Kg.

Shipping Weight: 7 Lbs / 3.18 Kg.



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