

ULTRAMAX[®] SF POWER

Ultrasonic Polishing System

Introducing the latest technology in ultrasonic polishing: the new ULTRAMAX SF POWER. The SF POWER is simultaneously the most powerful and a delicate ultrasonic polishing system. From rough grinding to ultra-fine polishing – the ULTRAMAX SF can do it all! With an incredible maximum output of 100W, the ULTRAMAX SF can remove tough, thick EDM scale with large diamond files and ceramic stones. Ultra-fine polishing is achieved with “Nano mode”, which produces a minute stroke length down to 1 micron. A built-in LCD monitor displays the frequency and output settings, and allows the user to select between 3 different power modes: Hard, Soft and Nano.

The frequency, or the number of vibrations per second, is dependent on the type of tool and will range between 17 – 31 kHz, or 17,000 – 31,000 strokes per second. Length of stroke is adjusted by the output and will range from 1 – 30 microns.

3 Modes: Hard, Soft and Nano

Hard Mode – Supplies a constant power (frequency and stroke length) as pressure is applied against the tool, thus allowing for powerful performance.

Soft Mode – Automatically reduces the power (frequency and stroke length) as pressure is applied to the tool, thus preventing over grinding and scratch marks. This mode is suitable for delicate work.

Nano Mode – Allows an ultra-short stroke length of 3 microns or less. This is meant for ultra-fine polishing applications such as mirror finishing that was once only achieved by hand.



Specifications SF POWER (Oscillator)

Frequency: (range)	17- 31 kHz
Frequency Adjustment:	Automatic Feedback System
Ultrasonic Power Output:	100W Maximum
Amplitude:	99
Electrical:	100~250V, 1Ph,50/60Hz
Power Consumption:	300VA
Dimensions: (WxDxH)	9" x 10" x 7" (226 x 252 x 180 mm)
Weight:	11½ lbs. (5.2kg)

Choose between 3 SF POWER sets: All-Around Set, Tough Set or Nano Set

ULTRAMAX SF POWER All-Around Set

The All-Around Set can do it all! Set includes SF POWER control box, UF-7401 and UF-9701 handpieces, (details shown on reverse) both the standard attachment tool sets that are available with tough and Nano sets (shown on reverse).

Description	Item#	Each
SF POWER, All-Around Set	500-0244	\$8,195.00



Prices as of 04/17/2018
subject to change without notice

ULTRAMAX® SF POWER

Ultrasonic Polishing System Sets

ULTRAMAX Tough Set

The Tough Set give you the most powerful ultrasonic handpiece (up to 100W of power!) for removing tough EDM scale and heavy duty polishing applications. Includes ULTRAMAX SF POWER control box, UF-7401 handpiece, abrasive tools set and accessory set (as shown).

Standard attachment tools:

1. Diamond abrasive stone (60mm wide)
2. Diamond abrasive stone (20mm wide)
3. Tool clamp (Flat)
4. New Superstones (Flat)

Specifications of UF-7401 Handpiece

Tool attachment thread:	M8
Cord length:	Curled cord 5½' (1.7m)
Dimension:	1½" Dia x 6"L (40 Dia x 150L mm)
Weight:	13 oz (350g)



UF-7401



Standard and attachment tools.

Description	Item#	Each
SF POWER, Tough Set	500-0245	\$6,495.00

ULTRAMAX Nano Set

The Nano Set is meant for general purpose and ultra-fine polishing applications. Set includes ULTRAMAX SF POWER control box, UF-9701 handpiece, abrasive tools set (as shown) and accessory set.

Standard attachment tools:

1. Tool clamp (for flat/round)
2. New Superstones (flat)
3. New Superstones (round)
4. Diamond files (long)
5. Diamond files
6. Diamond files (cone)
7. Diamond stones (flat)



Specifications of UF-9701 Handpiece

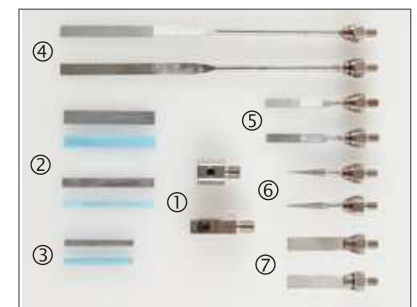
Tool attachment thread:	M6 (with M6-M4 Adapter)
Cord length:	Curled cord 5½' (1.7m)
Dimension:	1⅛" Dia x 4⅝"L (28 Dia x 118.5L mm)
Weight:	6 oz (150g)

Nano Mode for ultra-fine work

Equipped with a new function Nano mode, which enables ultra-fine amplitude control, the Nano mode has raised the level of ultrasonic polishing work to a more intricate finish that was only achieved by hand.



UF-9701



Standard and attachment tools.

Description	Item#	Each
SF POWER, Nano Set	500-0247	\$6,495.00

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