

SONOFILE®



MODEL: SF-1000

**COMPACT AND POWERFUL
ULTRASONIC FINISHING SYSTEM**

ARGOFILE

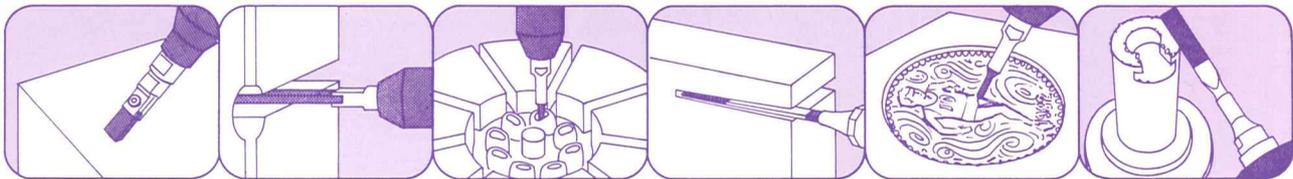
SONOFILE SF-1000

HAS BEEN DEVELOPED FOR DIE MOULD POLISHING, METAL FINISHING AND DEBURRING. POWERING TOOLS WITH DYNAMIC ULTRASONIC VIBRATIONS OF 20,000~30,000 CYCLES PER SECOND ENABLES FAST AND HIGHLY PRECISE RESULTS WITH THE MINIMUM OF EFFORT.

Sonofile will save time, provide greater accuracy, reduce fatigue and increase operator efficiency on all types of surfaces, but it also offers the following design advantages:

- Easy to use with uncomplicated controls.
- Continuous variable control of power output ensures both precision polishing or aggressive roughing.
- Automatic frequency adjustment enables Sonofile to power small tools efficiently.
- Very compact design ensures more bench space and maximum portability.
- Flexible cable to handpiece reduces fatigue and increases accuracy.

APPLICATIONS OF SONOFILE ULTRASONIC



STONING

LAPPING

DETAIL POLISHING

DEEP SLOTS

ENGRAVING

DEBURRING

SPECIFICATIONS

POWER PACK SF-1000N:-

Frequency of vibration: 20,000~30,000 cycles/sec.
Amplitude (stroke): 4 to 30 μ m
Frequency adjustment: Automatic feed-back system
Power output: 30 Watts max.
Power consumption: 100 VA
Power source: Single phase 100 to 240V 50/60Hz
Outside dimensions: 142W x 200D x 130H (mm)
Weight net: 1.9 kgs.

HANDPIECE SF-1600N:-

Transducer: B.L.T.electro-strictive
Cable length: 2.0 meters curly cord
Outside dimensions: 18/27 ϕ x 128.5L (mm)
Weight net: 150 g.

STANDARD EQUIPMENT

Power pack SF-1000N1 pc.
Handpiece SF-1600N1 pc.
Power cord1 pc.
Tool holder (pouch)1 pc.
Spanner (8mm)1 pc.
Hexagonal wrench (2.5mm)1 pc.
Spare Fuse (1.0 or 1.5A)1 pc.

Tools:- SD-5861 Diamond stone tool ..1 pc.
SD-4862 Diamond stone tool ..1 pc.
SE-8851 Diamond file tool1 pc.
SE-5845 Diamond file tool1 pc.
SC-4461 Ceramic stone tool ...1 pc.
SC-1430 Ceramic stone tool ...1 pc.
SX-4011 Tool clamp1 pc.
SX-1003 Tool clamp1 pc.



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