

ULTRASONIC PROCESSORS FOR SMALL VOLUME APPLICATIONS

130 Watt Ultrasonic Processor with Timer and Pulser – 150 microliters to 150 milliliters

Real time display . . .



6 mm probe



VCX 130

- Energy monitor
- Digital wattmeter
- Automatic tuning
- Automatic amplitude compensation
- Microprocessor based – programmable
- Ten hour timer
- 1-59 second independent ON/OFF pulser
- Elapsed time indicator
- Variable power output control

SPECIFICATIONS

POWER SUPPLY

Net power output: 130 Watts. Frequency: 20 kHz
Dimensions: (H x W x D) 4½" x 9¾" x 12½" (115 x 250 x 320 mm)
Weight: 7 lbs. (3 kg.)
Timer: Variable from 1 second to 10 hours
Pulser: On and Off cycle are independently controllable from 1 second to 59 seconds
Remote actuation compatible. Footswitch jack

CONVERTER

Model CV 18. Piezoelectric lead zirconate titanate crystals (PZT)
Model CV 187. Same as CV 18 but with fittings for air cooling.
Diameter: 1¼" (32 mm)
Length: 5¾" (146 mm)
Weight: ¾ lb. (340 g)
Cable length: 5' (1.5 m)

STANDARD PROBE

Tip diameter: ¼" (6 mm). Processing capability: 10 ml to 50 ml.*
Length: 4½" (113 mm). Titanium alloy Ti-6Al-4V. Autoclavable. Part No. 630-0435

ELECTRICAL REQUIREMENTS

Unless otherwise requested, units are shipped wired for 117 volts, 50/60 Hz.
For export, please specify desired voltage option.

ORDERING INFORMATION

130 Watt ultrasonic processor Part No. VCX 130

Shipped complete and ready for operation with a ¼" (6 mm) probe,* tool kit, and instruction manual.

* For other volumes, please refer to probe and microtip listings. A different probe can be substituted for the standard probe.