

## 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.