

# ULTRASONIC PROCESSORS FOR SMALL VOLUME APPLICATIONS

130 Watt Ultrasonic Processor with Thumb-actuated Pulsar or Footswitch  
150 microliters to 150 milliliters

Real time display . . .



3 mm probe\*



## VCX 130 PB – VCX 130 FSJ

- Energy monitor
- Digital wattmeter
- Automatic tuning
- Automatic amplitude compensation
- Microprocessor based
- Thumb-actuated pulsar or footswitch
- 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: 6.5 lbs. (3 kg)  
Can be run continuously or in a pulsing mode\*\*

### CONVERTER

Piezoelectric lead zirconate titanate crystals (PZT)  
Part No. CV 188 with pulsing button. Compatible with VCX 130 PB  
Part No. CV 18 without pulsing button. Compatible with VCX 130 FSJ  
Diameter: 1¼" (32 mm)  
Length: 5¾" (146 mm)  
Weight: ¾ lb. (340 g)  
Cable length CV 18: 5' (1.5 m)  
Cable length CV 188: 6' (1.8 m)

### STANDARD PROBE

Tip diameter: ⅛" (3 mm). Processing capability: 250 µl to 10 ml.\*  
Length: 5⅞" (138 mm). Titanium alloy Ti-6Al-4V. Autoclavable. Part No. 630-0422

### ELECTRICAL REQUIREMENTS

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

## ORDERING INFORMATION

Model No.

130 Watt ultrasonic processor with pulsing button . . . . . VCX 130 PB\*\*  
130 Watt ultrasonic processor with footswitch . . . . . VCX 130 FSJ\*\*\*

Shipped complete and ready for operation with a ⅛" (3 mm) probe, tool kit, and instruction manual.

## OPTIONAL ACCESSORIES

For optional accessories, please refer to pages 5 and 6.

\* A different probe can be substituted for the ⅛" (3mm) probe. For other volumes, please refer to probe and microtip listings on page 5.  
\*\* Model No. VCX 130 PB can not be used with a footswitch.  
\*\*\* Model No. VCX 130 FSJ has a footswitch but the converter does not incorporate a pulsing button. Requires footswitch Part No. 830-00004 (included).