



HIGH VOLUME CONTINUOUS FLOW CELL

VCX 1500 HV2-220

The flow cell throughput rate is typically 100 liters/hour – variables being viscosity and desired degree of processing. The flow cell is recommended for the treatment of low viscosity samples which do not require extended exposure to ultrasonics. Designed primarily for dispersing and homogenizing. For optimum performance, when working on a flow through basis, premixing the sample with a mechanical stirrer is recommended. The flow cell is easily disassembled for inspection and cleaning, and is water jacketed to enable the sample to be cooled/heated while it is being processed. All wetted parts are autoclavable.

SPECIFICATIONS

POWER SUPPLY	VCX 1500 HV2-220
AIR COOLED CONVERTER	Part No. CV 294. Piezoelectric lead zirconate titanate crystals (PZT)
BOOSTER	Part No. BHNVC21. Increases the amplitude by a factor of 2.
HIGH VOLUME CONTINUOUS FLOW CELL	Weight: 12 lbs. (5.5 kg) Height: 19.6" (498 mm) Width: 15" (381 mm) Housing: 316 stainless steel. Quick opening clamp Probe: Solid – Part No. 630-0619 – Titanium alloy Ti-6Al-4V Operating pressure: Up to 50 psi (345 kPa/3.45 bar) Volume of liquid in chamber with probe in place: 500 ml. Tubing required: ¼" (6 mm) inside diameter Part No. 630-0683
TOOL KIT	Supplied with two spanner wrenches Part No. 888-00015

ORDERING INFORMATION

	<i>Model No.</i>
1500 Watt high volume ultrasonic liquid processing system	VCX 1500 HV2-220
Replacement solid probe for high volume continuous flow cell	630-0619
Sound abating enclosure for high volume continuous flow cell*	
(H x W x D) 36" x 16" x 16" (914 x 406 x 406 mm)	630-0474

* The sound abating enclosure will accommodate the booster and 1" (25 mm) probe Part No. 630-0209, 630-0210 and 630-0310. It will not accommodate the 1" (25 mm) solid 18½" (470 mm) long probes Part Nos. 630-0619, 630-0621, or 630-0631 due to their length.