



VCX 1500

1500 Watts
Processing Volume: 1 – 10L*

The **VCX 1500** is a reliable and durable choice for many applications. This model includes a 1" diameter, 10" long probe with a 100µm maximum amplitude.

A variety of probe options are available including the flow cell inline processing accessory. Electrical requirements are 220V, 50/60Hz, single phase, 20A.

FEATURES:

- Programmable
- Variable power output
- 10 hour timer
- Pulse mode
- Wattage and Energy display
- Temperature monitoring
- Energy setpoint



Ordering information: Model no. **VCX 1500**

1500 watt ultrasonic processor with 1" diameter probe, booster and tool kit.

Note: Air cooling of the converter by a compressed air source is required. The user must provide approximately 10psi (4 cfm) of clean, dry air to prevent overheating of the ultrasonic processor.

SPECIFICATIONS

Power Output	1,500 watt maximum	Booster (2:1)	Part #BHN294T21
Frequency	20kHz	Length	5" (129mm)
Dimensions	H x W x D: 7 x 15 x 18.25" (178 x 380 x 464mm)	Converter Cable	Part #201-0106
		Length	10' (3m)
Ultrasonic Converter	Part #CV294V	Tool Kit	Part #888-00054 spanner wrench (2 included)
Diameter	3" (76.2mm)		
Length	6.25" (159mm)		
Standard Probe	Part #630-0697	Optional:	
Tip Diameter	1" (25mm)	Stand with Clamp	Part #830-00461
Material	Ti6Al4V titanium alloy	Temperature Probe	Part #830-00060
		Sound Enclosure	Part #830-00474

*The actual processing volume of a specific probe or accessory is application specific.



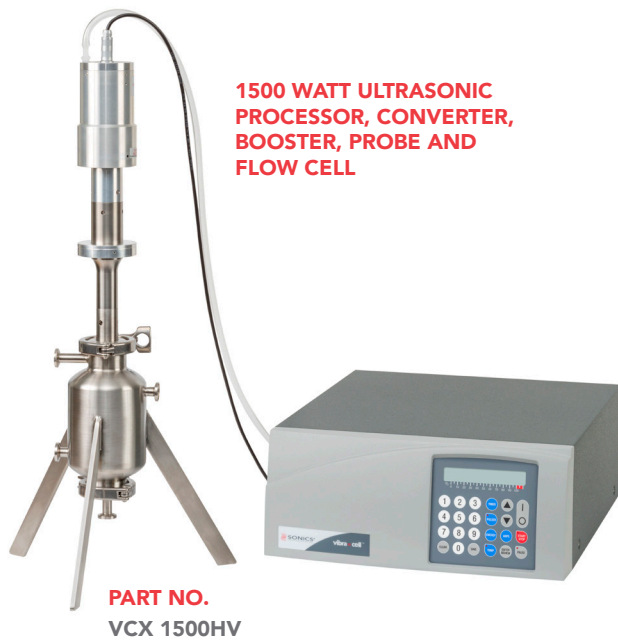
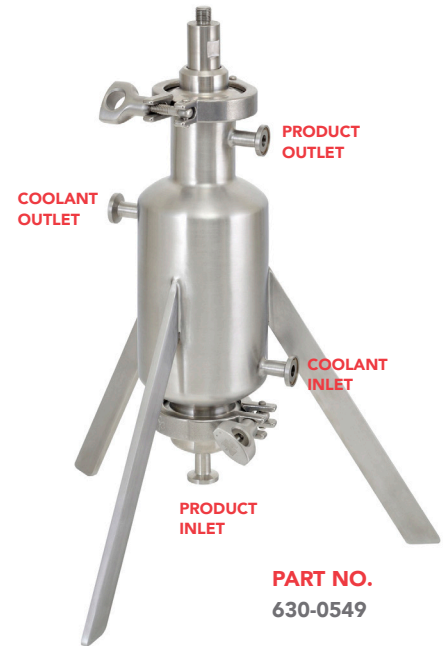
VCX1500 FLOW CELL

Part no. 630-0549 Flow Cell is designed for continuous, flow-through ultrasonic processing of approximately 5–10L of material. Actual throughput and effective working volume are application-dependent and influenced by key process variables, including sample concentration, viscosity, and the required degree of ultrasonic treatment.

Process fluid enters the flow cell through the bottom inlet and flows past the probe tip, where ultrasonic cavitation is applied. The treated fluid then exits through the outlet port. The degree of processing is controlled by adjusting the sonication amplitude and the flow rate.

The flow cell includes a 1" (25 mm) diameter probe and features sanitary process connections. The assembly is designed for straightforward disassembly to facilitate cleaning and maintenance. This flow cell has an integrated water jacket to assist with cooling. External cooling may be required, depending on sample requirements.

FLOW CELL WITH PROBE



FLOW CELL PROBE



PART NO. 630-0625

SOUND ENCLOSURE FOR VCX 1500



(H X W X D) 38" X 18" X 17.75"
(965 X 457 X 451 mm)

PART NO. 830-00474

FLOW CELL SPECIFICATION

Height:	17" (432 mm)	Material:	316L stainless steel
Width:	16" (406 mm)	Internal volume w/probe:	400 mL
Weight:	12 lbs. (5.5 kg)	Product/Coolant Connectors:	1/2" (13 mm) sanitary fittings