

CUP HORN ASSEMBLY

The cup horn can process multiple sealed tubes or vessels at one time without contact with an ultrasonic probe. This method eliminates cross contamination, sample foaming, overheating and aerosolization which can all occur when using a probe. Most importantly the cup horn enables samples under 200µl to be effectively processed.



**VCX500 WITH
CUP HORN, CHILLER,
ENCLOSURE PACKAGE**

**PART NO.
VCX500CCE**

**CUP HORN
ACCESSORY**

**PART NO.
630-0731**

The water-filled cup horn is screwed onto the converter in place of a probe. Microtubes containing the samples are placed inside using specially designed tube holders. Multiple tube holders are available for various size tubes and vessels. Ultrasonic energy is transferred through the water and into the sample tubes.

Inlet and outlet ports enable cooling water to be circulated within the cup, inhibiting heat build up during extended operation. Use of the chiller is highly recommended and due to the high noise level created by the cup horn, a sound abating enclosure is required.

Note: Selecting the appropriate size and type of sample tube will greatly improve results. Contact Sonics for application assistance.

**HOLDER FOR (8) 1.5ML
POLYSTYRENE TUBES**



**PART NO.
830-00247**

**HOLDER FOR (8) 1.5ML
POLYPROPYLENE TUBES**



**PART NO.
830-00248**

**HOLDER FOR
15ML TUBE**



**PART NO.
529-0029**

**HOLDER FOR
50ML TUBE**



**PART NO.
529-0030**