

Cup Horn

Cup horns offer indirect sonication and function as high intensity ultrasonic water baths. Multiple samples can be processed in sealed tubes or vials eliminating aerosols and cross contamination. Cup Horns are ideal for sterile or pathogenic sample processing and enable multiple tubes to be processed at one time.

The horn is mounted within an acrylic cup and the cup is filled with water. Sample tubes are placed in a rack just above the horn. Cavitation is produced in the water, processing the samples within the tubes or vials. Coolant ports are on each side of the cup for circulation of cold water to keep samples from overheating. A microtube rack is included with each Cup Horn.

The Sound Enclosure (#432B) is highly recommended for all Cup Horn users. In addition to reducing sonication noise to safe levels, it securely supports the Cup Horn in the proper position. The Sound Enclosure features ports on either side to allow coolant tubing to pass from the Cup Horn to a water source or pump system outside the box.



Part # 431B1

Inner Diameter of Cup: 3"

Diameter of Horn: 2.5"

Tube Capacity: 8

Replacement Microtube Rack:
Part # 442



Part # 431C1

Inner Diameter of Cup: 5.5"

Diameter of Horn: 2.5"

Tube Capacity: 20

Replacement Microtube Rack:
Part # 443

(only for use with Q700)