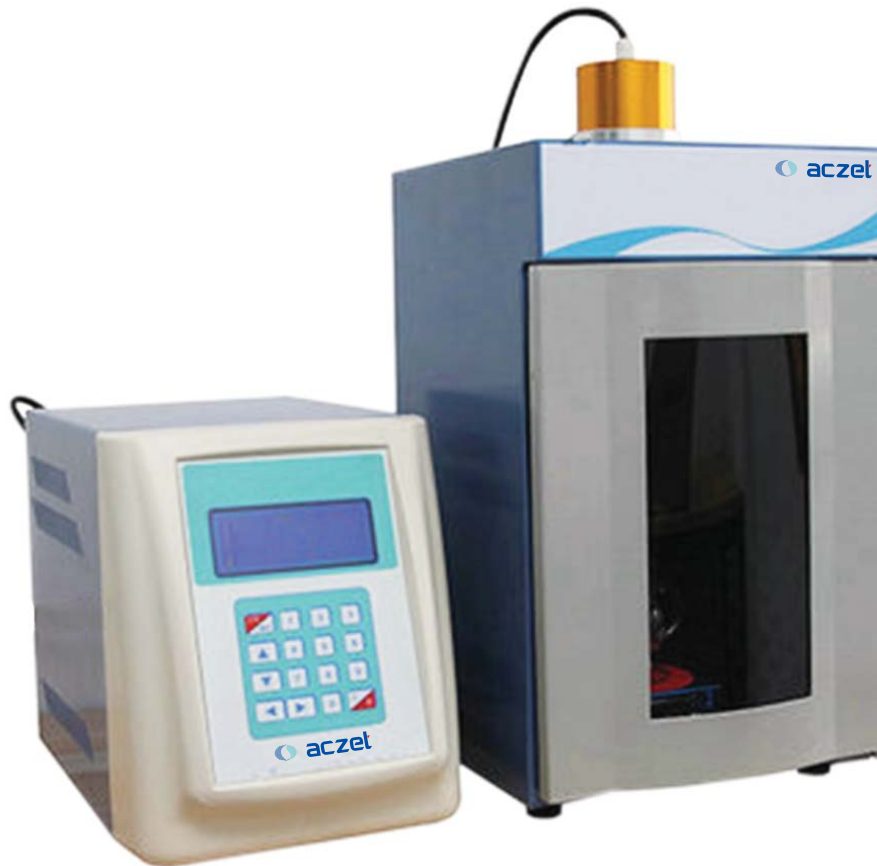


# Ultrasonic Cell Crusher

## UCC Series



# aczel



### Product Description

Ultrasonic cell crusher is a use of ultrasonic cavitation in the liquid multi-effect, multi-purpose instrument. It used a variety of animals and plants, viruses cells, bacteria and tissue fragmentation, and can be used to emulsification, separation, smoothing, extraction, anti-foaming, clear nano-materials preparation, dispersion, and speed up chemical reaction. Instruments are widely used in biology, microbiology, physics, zoology, agriculture, pharmaceutical, chemical wastewater treatment, nano-materials.

### Features

- Large screen LCD Display.
- Microcomputer control, operational data store 50 groups.
- Ultrasonic time, ultrasonic power can be set.
- Ultrasonic power automatically detect, prevent ultrasonic power with the sample temperature change.
- Integrated sample temperature control to prevent overheating.
- Frequency automatic tracking, automatic fault alarm.

Model	UCC 150	UCC 250	UCC 650	UCC 900	UCC 1000	UCC 1200	UCC 1800
Frequency (Khz)	20-25KHz Automatic Tracking					20-25KHz Automatic Tracking	
Power (W) adjustable	1-150W	5-250W	10-650W	10-900W	10-1000W	20-1200W	20-1800W
Probe (mm)	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6 or Ø10	Ø20	Ø20
Optional Probe (mm)	Ø2, Ø3, Ø8	Ø2, Ø3, Ø8 Ø10	Ø2, Ø3, Ø8 Ø10, Ø12	Ø2, Ø3, Ø8 Ø10, Ø12, Ø15	Ø2, Ø3, Ø8 Ø10, Ø12, Ø15	Ø10, Ø15 Ø22, Ø25	Ø10, Ø15 Ø22, Ø25
Process Capacity (ml)	0.2-150	0.2-300	0.2-500	0.2-600	0.2-750	10-1000	50-1000
Store Data	50 sets						
Total Working Temperature	1-999 minutes						
Temp. Alarm Range	0-100°C						
Instrument Protection Function	Over-temp.						
Duty Ratio	0.1-99.9%						
Display	LCD Display						
Power Supply	A/C 230V / 50-60Hz						
Dimension	600 (L) x 300 (W) x 500 (H)						

Specification are subject to change without prior notice.  
Images shown are for illustrations purpose only.

**WORLD WIDE MARKETING**

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