

## TU-Y series ultrasonic cell crusher(LCD)

LCD temperature control ultrasonic cell disruption system has beautiful appearance and reliable performance, LCD large screen display, central computer centralized control, ultrasonic / interval / total time / power these could be set by yourself, starting up amplitude transformer is optional, sample temperature display, automatic frequency tracking, fault automatic alarm.

Ultrasonic cell disruption system use PWM to control switch power, power is continuously adjustable, could store 50 sets research parameters, all functions display in large screen.

### Technical parameters:

Model	TU-150Y	TU-250Y	TU-650Y	TU-900Y	TU-1000Y	TU-1200Y	TU-1800Y
Frequency (KHz)	20-25KHz Automatic tracking	20-25KHz Automatic tracking	20-25KHz Automatic tracking	20-25KHz Automatic tracking	20-25KHz Automatic tracking	19.5-20.5KHz Automatic tracking	19.5-20.5KHz Automatic tracking
Power (W)	1-150W adjustable	5-250W adjustable	10-650W adjustable	10-900W adjustable	10-1000W adjustable	20-1200W adjustable	50-1800W adjustable
Horn (mm)	Φ6	Φ6	Φ6	Φ6	Φ6 or Φ10	Φ20	Φ20 or Φ22
Optional Horn (mm)	Φ2、Φ3、Φ8	Φ2、Φ3、Φ8、Φ10	Φ2、Φ3、Φ8、Φ10、Φ12	Φ2、Φ3、Φ8、Φ10、Φ12、Φ15	Φ2、Φ3、Φ8、Φ10、Φ12、Φ15	Φ10、Φ15、Φ22、Φ25	Φ10、Φ15、Φ25、Φ28
Disruption Capacity (ml)	0.2-150	0.2-300	0.2-500	0.2-600	0.2-750	10-1000	20-1200
Store data	50 sets	50 sets	50 sets	50 sets	50 sets	50 sets	50 sets
Temp alarm range	0-100 °C	0-100 °C	0-100 °C	0-100 °C	0-100 °C	0-100 °C	0-100 °C
Instrument protection function	Over-temp.	Over-temp.	Over-temp.	Over-temp.	Over-temp.	Over-temp.	Over-temp.
Duty ratio	0.1-99.9%	0.1-99.9%	0.1-99.9%	0.1-99.9%	0.1-99.9%	0.1-99.9%	0.1-99.9%
Display	LCD display	LCD display	LCD display	LCD display	LCD display	LCD display	LCD display

## TU-Y series ultrasonic cell crusher(LCD)



## TU-W series ultrasonic cell crusher(economic type)



Model	TU-150W	TU-250W	TU-650W	TU-900W	TU-1200W	TU-1800W
Frequency(KHz)	20-25KHz Automatic tracking	20-25KHz Automatic tracking	19.5-20.5KHz Automatic tracking	20-25KHz Automatic tracking	19.5-20.5KHz Automatic tracking	20-25KHz Automatic tracking
Power(W)	5-150W adjustable	10-250W adjustable	20-650W adjustable	10-900W adjustable	200-1200W adjustable	20-1800W adjustable
Horn (mm)	Φ6	Φ6	Φ6	Φ6 or 10	Φ20	Φ20 or 22
Optional Horn (mm)	Φ2、Φ3、Φ8	Φ2、Φ3、Φ8、Φ10	Φ2、Φ3、Φ8、Φ10、Φ12	Φ2、Φ3、Φ8、Φ10、Φ12、Φ15	Φ10、Φ15、Φ22	Φ10、Φ15、Φ20、Φ25、Φ28
Crush Capacity(ml)	0.5-150	0.5-250	0.5-500	0.5-600	50-1000	50-1200
Duty ratio	1-99%	1-99%	1-99%	1-99%	1-99%	1-99%
Display	LCD display	LCD display	Digital display	LCD display	Digital display	LCD display