

## DW-5T、10T、15T、30T、50T Ultrasonic Extractor

Ultrasonic extraction machine is a kind of equipment that uses strong ultrasound to generate cavitation, crushing and emulsification in solid and liquid, and extracts substances by adding various reactants according to reaction conditions under temperature control and stirring state of substance cells. Ultrasonic extraction machines are widely used in teaching, scientific research and production in the fields of biochemistry, microbiology, medicinal chemistry, surface chemistry, physics, zoology, agronomy, medicine, and pharmacy.



### Parameters

MODEL	DW-5T	DW- 10T	DW- 15T	DW-30T	DW-50T
Frequency	20-25 KHz	20-25 KHz	20-25 KHz	20-25 KHz	20-25 KHz
Ultrasonic Power	20- 1000W	20- 1200W	200- 1500W	200- 1800W	250-2400W
Double-layer reactor capacity	5L	10L	15L	30L	50L
Tip (Φ)	Φ30mm	Φ30mm	Φ30mm	Φ50mm	Φ50mm
Ultrasonic time	0.1-99.9S	0.1-99.9S	0.1-99.9S	/	/
Gap time	0.1-99.9S	0.1-99.9S	0.1-99.9S	/	/
Full time	1-999min	1-999min	1-999min	1-99min	1-99min
Power setting	1-99 %	1-99 %	1-99 %	1-99 %	1-99 %
Duty cycle	0.1-99.9%	0.1-99.9%	0.1-99.9%	/	/
Actual temperature measurement	Yes	Yes	Yes	Yes	Yes
Stirring power	60W	60W	90W	120W	120W
Stirring speed	10-600r/min	10-600r/min	10-600r/min	10-600r/min	10-600r/min
Support	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Additive Volumetric Flask	Yes	Yes	Yes	Yes	Yes
Liquid filling/discharge port	Yes/ Yes	Yes/ Yes	Yes/ Yes	Yes/ Yes	Yes/ Yes
Cooling capacity	500W	800W	1200W	1800W	2250W
Refrigeration temperature	-5C-RT	-5C-RT	-5C-RT	-5C-RT	-5C-RT