

SCIENTZ-T

ULTRASONIC EXTRACTOR

Description

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

Features

- Intelligent:** combined with microcomputer control, frequency selection, temperature measurement, protection and other hardware and software technology
- Flexible parameters:** ultrasonic time, power and stirring speed can be set arbitrarily.
- Wide range of applications:** configured with different models of reactors to meet the needs of all laboratories.
- Precise temperature control:** with temperature measurement function, precise temperature control.



Main Technical Parameters

Model	SCIENTZ-5T		SCIENTZ-10T		SCIENTZ-15T		SCIENTZ-30T		SCIENTZ-50T	
Frequency	20-25kHz	20-	20-25kHz	20-	20-25kHz		20-25kHz		20-25kHz	
Power	1000 (W)	5L	1200(W) 10L		200-1500(W)		200-1800(W)		250-2400(W)	
Reactor Capacity	Φ30		Φ30		15L		30L		50L	
Hron Diameter	220V		220V	0.1-	Φ30		Φ50		Φ50	
Working Voltage	0.1-99.9s	0.1-	99.9s	0.1-	220V	0.1-	220V		220V	
Ultrasonic Time	99.9s	1-999min	99.9s	1-	99.9s	0.1-	/		/	
Gap Time	1-99%	0.1-	999min	1-	99.9s	1-	/		/ 1s-59min59s	
Working Time	99.9%		99%	0.1-	999min	1-	1s -59min59s		1-99%	
Power Setting	Yes		99.9%		99%	0.1-	1-99%		/	
Duty Ratio	60W	10-			99.9%		/			
Thermometer	600r/min		Yes		Yes		Yes		Yes	
Mixing Power	Stainless steels		60W 10-		90W 10-		120W 10-		120W 10-	
Stirring Speed			600r/min		600r/min		600r/min		600r/min	
Rack			Stainless steels		Stainless steels		Stainless steels		stainless steels	
Additive Containers	Yes		Yes		Yes		Yes		Yes	
Liquid Filling And Draining orts	Yes Yes		Yes/Yes		Yes/Yes		Yes/Yes		Yes/Yes	
Refrigeration Equipment	/ DLK-5003		DLK-5007		DLK-5010		DLK-5010		DLK-5010	