

Ultrasonics disintegrators



Ultrasonic disintegrators, Fisherbrand®



Fisherbrand®

For cell disruption, nanoparticle dispersion, DNA shearing/ChIP, and homogenisation.

- 700W
- Touch screen control
- 10 programmable memories
- Programmable from 1s to 99hr
- Overload protection
- Temperature monitoring
- Amplitude control from 1% to 100%
- Processing volume 0.2mL to 1L

High power to handle any application and sample volume.

Technical Specification

Power W	700
Operating frequency, kHz	20
Generators	203 x 381 x 229 (dimensions, mm)
Probe	12mm (tip diameter)
Mass, kg	12.7
Electrical supply	220-240V, 50/60Hz

Catalogue No	Legacy No	Description
1 12931151	-	Ultrasonic disintegrator, 700W

Accessories

Catalogue No	Legacy No	Description
12981171	-	1.6mm diameter microtip, 0.2mL to 5.0mL processing volume
12991171	-	3.1mm diameter microtip, 0.5mL to 15mL processing volume
12901181	-	6.3mm diameter microtip, 5.0mL to 50mL processing volume
12921171	-	12.7mm diameter probe with replaceable tip, 10mL to 250mL processing volume
12911171	-	12.7mm diameter probe with solid tip, 10mL to 250mL processing volume
12971161	-	19.05mm diameter probe with replaceable tip, 25mL to 500mL processing volume
12981161	-	19.05mm diameter probe with solid tip, 25mL to 500mL processing volume
12901171	-	25.4mm diameter probe with replaceable tip, 50mL to 1,000mL processing volume
12991161	-	25.4mm diameter probe with solid tip, 50mL to 1,000mL processing volume
13515290	-	Cup horn
12951171	-	12.7mm diameter replacement tip
12961171	-	19.05mm diameter replacement tip
12971171	-	25.4mm diameter replacement tip
12883563	-	Stand with 12.7mm diameter rod and converter clamp
2 12893553	-	Sound enclosure, 584mm x 368mm x 305mm
12951161	-	Jack stand, raises height of samples from 63.5mm to 254mm
12941181	-	Four tip horn, 3.18mm tip diameter, for direct processing of four samples at one time