

Ultrasonic disintegrator, Fisherbrand®



Fisherbrand®

For cell disruption, homogenisation, sample preparation and DNA shearing.

- 120W
- Programmable from 1s to 10hr
- Overload protection
- Amplitude control from 20% to 100%
- Processing volume 0.2mL to 100mL

Programmable system for effective cell lysis and sample preparation delivering consistent and reproducible results.

Ideal for small sample volumes with programmable pulse mode.

Technical Specification

Power, W	120
Operating frequency, kHz	20
Generators	203 x 330 x 152 (dimensions, mm)
Probe	3mm (tip diameter)
Mass, kg	4.5
Electrical supply	220-240V, 50/60Hz



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Catalogue No	Legacy No	Description
12337338	-	Ultrasonic disintegrator, 150W

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Accessories

Catalogue No	Legacy No	Description
12921181	-	1.9mm MICROTIP
12911181	-	3.1mm MICROTIP
12931181	-	6.3mm MICROTIP
12991181	-	Cup horn
12357338	-	8 tip horn
12347338	-	Stand with clamp
12353745	-	Sound enclosure

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Ultrasonic disintegrators, Fisherbrand®



Fisherbrand®

For cell disruption, nanoparticle dispersion, homogenisation and sample preparation.

- 500W
- Programmable from 1s to 10hr
- Overload protection
- Amplitude control from 20% to 100%
- Processing volume 0.2mL to 500mL

A wide variety of accessories are available for various sample volumes.

Technical Specification

Power, W	500
Operating frequency, kHz	20
Generators	203 x 381 x 229 (dimensions, mm)
Probe	12mm (tip diameter)
Mass, kg	7
Electrical supply	220-240V, 50/60Hz



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Catalogue No	Legacy No	Description
12893543	-	Ultrasonic disintegrator, 500W

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Accessories

Catalogue No	Legacy No	Description
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
13515290	-	Cup horn
12951171	-	12.7mm diameter replacement tip
12961171	-	19.05mm diameter replacement tip
12883563	-	Stand with 12.7mm diameter rod and converter clamp
12893553	-	Sound enclosure, 584mm x 368mm x 305mm
12951161	-	Jack stand, raises height of samples from 63.5mm to 254mm

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