NAUGRA®

Product name:	Product code:
Ultrasonic Probe Tissue Homogeniser	CMI-NP-0226



Description

An ultrasonic homogeniser with a titanium probe that disrupts cells, emulsifies liquids and disperses particles by cavitation. Used for cell lysis, nanoparticle dispersion and sample preparation in life science and chemistry labs.

Technical specification

Timer	1 s to 99 min
Probe material	Titanium alloy
Supply	230 V AC 50 Hz

Standard Accessories

- Probe 6 mm
- Probe 13 mm
- Stand with clamp

A generator drives a piezoelectric transducer that vibrates the probe at about 20 kHz, creating cavitation in the sample. The amplitude and pulse can be set to protect heat sensitive samples.

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Features

- Titanium alloy tip and probe
- Amplitude adjustable 10 to 100 percent
- Pulse on and off timing
- Digital timer and display
- Acoustic enclosure available

Technical Specifications

Frequency	20 kHz
Output power	Up to 500 W
Probe tip diameter	3 mm, 6 mm and 13 mm
Sample volume	0.5 - 500 ml
Amplitude	10 - 100 percent