

# Ultrasonic homogeneisator 200 watts UP200H and UP200S




The ultrasonic processor UP200H (200 watts, 24kHz) is the most powerful **hand held** device. It can be mounted to a stand, too. The exceptionally progressive design was rewarded with well known "International Designer Award" by the iF (Industry Forum Design Hannover). The UP200S differs from the UP200H only with his shape and its use only with stand ST1-16.

Sample volumes from 0.1 to 1000ml can be sonicated with sonotrodes of a diameter from 1 to 40mm.

Inside of the well designed case, there are 200 watts ultrasonic power to be applied in manifold ways. Like the other laboratory devices, such as the UP50H and the UP100H, the UP200H can be used for the indirect sonication of samples. Therefore the sonotrode is immersed into a sonication beaker, transmits the oscillations in distilled water, that are reflected to a titanium cone and then transmitted to the test tubes with the sample.

We offer a comprehensive range of accessories for the UP200H such as flow cells, stand, sound protection box, timer and PC- control.

Technical Data	UP200H	//	UP200S	UP200H	UP200S
power	200W				
power control	amplitude 20-100%				
pulse range	0-100%				
operating frequency	24kHz				
dimensions	(LxWxH) 257x157x130mm				
weight	1.5kg				
power supply	230V~, 2A, 50-60Hz				
Price EUR HT	3 917.00	//	2 880.00	<a href="http://www.imlab.com">www.imlab.com</a>	

The sonotrodes, in titanium, are the tools that transmit the ultrasound into the liquid.

sonotrode	Ø (mm)	length (mm)	sample volume	Price EUR HT
S1	1	100	0.1-5ml	311.00
S2	2	100	2-50ml	253.00
S3	3	100	5-200ml	253.00
S7	7	100	20-500ml	230.00
S14	14	100	50-1000ml	230.00
S40	40	100	50-1000ml	518.00



Other accessories		Price EUR HT
ST1-16	Stand, diam. 16mm height 600 mm, base 300 x 150mm	196.00
SB3-16	sound-protection box	1 037.00