

SONOCOOL Ultrasonic Device with Cooling, BANDELIN



BANDELIN
Ultraschall seit 1955

① Ultrasonic device SONOCOOL® with cooling for use in pathology and analysis laboratories

Decalcification of bone tissue in pathology

Decalcifying of bone tissue is an important step of histological preparation of samples (e.g. in oncology). Only decalcified samples can be used artefact-free for followed diagnosis. Compared to standard methods, the processing time is extremely shortened. No destroying of the morphologic structure of samples, quantity of aggressive decalcifying liquids is reduced, faster results of diagnosis.

Use in analysis laboratories

With SONOCOOL® the catalytic effect of ultrasound can also be used when sonicating temperature-sensitive samples. Exotherm reactions are possible because of the integrated cooling system, processes are faster and more effective.

Set consisting of:

Ultrasonic device, sample holder PH 255-11, for 11 inset beakers, lid D 255 G, 11 inset beakers SD 01.2 à 100 ml, TICKOPUR TR 3 (concentrate for producing the contact liquid) - 250 ml

Technical Data:

Inner tank dimensions:	280 × 150 × 150 mm (l×w×d)
Tank volume:	5 litres (contact liquid)
Adjustable bath temperature:	15 – 40°C (at 20°C room temperature)
Cooling power:	200 W
Ultrasonic power:	180 W, adjustable in 4 steps
Ultrasonic frequency:	35 kHz, SweepTec®
Countdown operation:	up to 100 h
External dimensions:	360 × 605 × 385 mm (l×w×d)
Housing:	aluminium, coated with flush pulls (grips recessed inside the housing)
Outlet:	front left, concealed
Current consumption:	1.6 A
Mains connection:	230 V~, (±10%) 50/60 Hz
Weight:	27.5 kg

Article	Order No.
Ultrasonic device SONOCOOL	10 07 33500

Accessories

Article	Order No.
② Sample holder PH 255-11 for 11 inset beakers SD 01.2	10 07 33512
③ Inset beaker SD 01.2, for PH 255-11 Inner diameter 44 mm, height 80 mm (package à 10 pieces à 100 ml), glass, without spout	10 07 33517
Sample holder PH 255-1	10 07 33519
Box IB 18, PU 5 pcs.	10 07 33283
Sample holder PH 255-2	10 07 33518
Insert vessel SD 06 glass, 600 ml, dia. 84 mm, 125 mm high, with lid, inset is made without black ring	96 07 36101
Sample holder PH 255-2W	10 07 33521
Glass lid D 255 G	10 07 33515
Hose penetration SCH 255 for connecting a pump	10 07 33520

