

Ultrasonic device with cooling for use in pathology and analysis laboratories

Date: 11-18-2009 12:52 PM CET

Category: [Health & Medicine](#)

Press release from: [BANDELIN electronic GmbH & Co. KG](#)



Today, ultrasound is an integral part of both pathology and analysis laboratories where rapid diagnosis and a high degree of process effectiveness are concerned. The new SONOCOOL from BANDELIN now combines the process accelerating impact of ultrasound and simultaneous cooling of the sample.

During the histological analysis of samples, in oncology, for example, bone decalcification is an important step as only decalcified samples can be suitably prepared for later analysis without contamination. The tedious process used to date can now be accelerated considerably using ultrasound. The morphological structure of the sample, however, is preserved by the integrated cooling. A substandard sample, the diagnosis of which would be difficult or impossible, is avoided. The results are available in a shorter time.

Using SONOCOOL, the catalytic effect of ultrasound can now be used on heat sensitive samples in analysis laboratories. The cooling function means that exothermic reactions can be controlled and the processes carried out faster and effectively.

BANDELIN, a leading supplier of ultrasonic devices once again, with SONOCOOL, makes its mark in innovative ultrasound technology for medicine and the laboratory.

BANDELIN electronic, a family-owned mid-sized company, is located in the capital of Germany - Berlin. The company has about 60 years of experience in ultrasound. Development and manufacture of ultrasonic devices and disinfectant and cleaning agents are carried out in Berlin. A high vertical range of manufacture, modern production lines and a high-motivated staff guarantee a high quality of the products. The customers can buy everything from one-hand. Ultrasonic devices are used in

nearly all branches like industry, medical and dental fields and laboratories as well as in service and maintenance. The latest developed ultrasonic device is especially applicable for disinfecting and cleaning of rinseable keyhole surgery instruments.

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