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Umsatzsteuer-
Identifikationsnummer
:
DE 143 450 657



Bandelin® BactoSonic BS 14.2 Ultrasonic bath 13.5 liters

€3,791.00
plus VAT &
Shipping

Product Images



Description

Special ultrasonic bath for gentle removal of biofilms The success of therapy for implant infections depends on precise microbiological diagnosis. Because microorganisms form biofilms on parts foreign to the body, they are often difficult to detect in surrounding tissue. As a result, therapy is only possible to a limited extent. With the help of the BactoSonic special ultrasound bath, biofilms can be gently removed from the surface of an infected implant. Compared to other ultrasonic baths, the device works with low-frequency ultrasound at low intensity. As a result, the detached microorganisms are not destroyed but are preserved for subsequent microbiological analysis. In accordance with the scientifically based procedure, the implant is placed in a box included in the delivery, covered with liquid and sonicated in the BactoSonic ultrasonic special bath. The liquid obtained is processed microbiologically and the amount of bacteria is quantified. Up to 10,000 times more bacteria can be detected than with conventional methods, such as from biopsies of periprosthetic tissue. Mixed infections and different bacterial morphotypes become more detectable. Sensitivity is improved, especially in patients with previous antibiotic therapy. Internal dimensions L x W x D: 325 x 300 x 150 mm Mains connection: 230 V EU plug

Additional Information

No.	BL-0526
Manufacturer (Brand)	Bandelin
Transport temperature	Room temperature

