Cleaning and disinfecting in SONOREX ultrasonic baths with STAMMOPUR concentrates in the veterinary practice

Ultrasonic baths are especially user-friendly. They have been used successfully since many years and make it easier to solve cleaning tasks in the veterinary practice.
Cleaning and disinfecting can be realised in a single process. STAMMOPUR concentrates support the hygienic, intensive and also gentle cleaning of instruments

Advantages of ultrasonic cleaning

Cavitation effects the removal of dirt and infectious germs from instruments placed into the cleaning solution even from cavities and holes. Ultrasound is generally more efficient than manual cleaning methods. The gentle treatment of instruments prevents mechanical damages.

Standard units for small instruments

SONOREX DIGITEC DT 100 H

Code No. 3230

SONOREX SUPER RK 100 H

Code No. 312

Technical Data

Inner tank dimensions:	240 × 140 × 100 mm (l × w × d)
Material:	made of stainless steel 1.4301
Capacity:	3,0 litres
Filling volume:	2,0 litres
Ultrasonic peak output:	320 W
HF output:	80 W_{eff}
Heating:	140 W
Current consumption:	1,0 A
External dimensions:	260 × 160 × 250 mm (l × w × h)

Compact units for instruments up to 25 cm in length

SONOREX DIGITEC DT 255 H

Code No. 3240

SONOREX SUPER RK 255 H

Code No. 316

Technical Data

Inner tank dimensions:	300 × 150 × 150 mm (l × w × d)
Material:	made of stainless steel 1.4301
Capacity:	5,5 litres
Filling volume:	3,8 litres
Ultrasonic peak output:	640 W
HF output:	160 W_{eff}
Heating:	280 W
Current consumption:	2,0 A
External dimensions:	RK - 325 × 175 × 305 mm (l × w × h) DT - 325 × 175 × 295 mm (l × w × h)
Features:	outlet with ball valve G ¼, handles

Long units for instruments up to 45 cm in length

SONOREX DIGITEC DT 156 BH

Code No. 3221

SONOREX SUPER RK 156 BH

Code No. 646

Technical Data

Inner tank dimensions:	500 × 140 × 150 mm (l × w × d)
Material:	made of stainless steel 1.4301
Capacity:	9,0 litres
Filling volume:	6,0 litres
Ultrasonic peak output:	860 W
HF output:	215W_{eff}
Heating:	600 W
Current consumption:	3,6 A
External dimensions:	530 × 165 × 300 mm (l × w × h)
Features:	outlet with ball valve G ¼

Accessories – Parts to be cleaned or vessels must not be placed on the tank bottom.

Insert basket, made of stainless steel

- protects valuable instruments
- avoids damages at the tank bottom
- optimum transfer of ultrasonic effect

Für DT/RK 100 H	K 3 C	**Code No. 3025**
Für DT/RK 255 H	K 5 C	**Code No. 3027**
Für DT/RK 156 BH	K 6 BL	**Code No. 629**

Lid, made of stainless steel

Covers the tank completely, protects the liquid from outside dirt. Condensation water runs back into the tank.

Für DT/RK 100 H	D 100	**Code No. 3003**
Für DT/RK 255 H	D 255	**Code No. 3007**
Für DT/RK 156 BH	D 156	**Code No. 3004**

Cleaning agents

STAMMOPUR concentrates have been especially developed for ultrasonic application and are marked CE according to the Medical Devices Directive (MDD).
All solutions are environmental friendly, biodegradable and easy to dispose.

Intensive instrument cleaning
STAMMOPUR R

Intensive cleaner for routine cleaning of medical instruments in the ultrasonic bath. High cleaning efficiency, even for instruments heavily contaminated with incrustations of blood and secretions.

Anticorrosive, very high material compatibility, applicable for all materials. In dosage of 2 % also applicable as contact liquid in the ultrasonic bath - e.g. for recommended basic cleaning of spotted and ugly looking instruments with STAMMOPUR GR.

Without phosphates, aldehydes and chlorine. Main active agents: tensides, mildly alkaline pH 9.6 at 1 %.

Application with ultrasound
3–10 min – 2 %

Volumes	Code No.
2-litres-bottle	934
5-litres-jerrycan	989
25-litres-jerrycan	976

Intensive cleaning and disinfection of instrument

STAMMOPUR DR 8 – VAH-Certified, limited virucidal

Simultaneous disinfection and intensive cleaning of instruments after dry deposit. High blood dissolution, for instruments heavily contaminated with incrustations of blood and secretions. Due to short irradiation time especially recommended for the disinfection and cleaning of very sensitive and valuable micro-surgical, MIS instruments and endoscopic accessories. Recommended by known manufacturers of endoscopes. Solution applicable under strain for 3 days. Very high material compatibility, suitable for all materials. Non-odiferous.
Anticorrosive. Without aldehydes, chlorine, phenols. Bactericidal (incl. Tb.-B., helicobacter pylori), fungicidal, limited virucidal (Vaccinia, BVDV, Papova, Adeno, HBV, HCV, HIV, H5N1), mildly alkaline pH 9.4 at 1 %.

Active agents in 100 g: 9.9 g bis(3-aminopropyl)dodecylamine, 8.4 g didecylmethylpoly(oxyethyl)ammoniumpropionate; 5-10 % non-ionic tensides, 30-50 % solvents, complexing agents, pH-regulators, adjusting agents.

Expertises: Bacteria, fungi according DGHM: Dr. F.-A.Pitten, Gießen 11/05; Prof. Dr. Schubert, Frankfurt 6/99; Prof. Dr. Werner, Schwerin, 12/98; **HBV/HIV:** Prof. Dr. Frösner, München 8/99; **Vaccinia, Papova, BVDV, H5N1:** Prof. Dr. L. Döhner, Dr. D. Becher, Greifswald 8/06 and 9/06;

Adeno wiht ultrasound: Dr. D. Becher, Dr. M. Büttner, Greifswald 11/08 **Helicobacter pylori:** Prof. Dr. Werner, Schwerin 8/00; **Time durability:** Prof. Dr. Werner, Schwerin 10/99, **Time reduction by ultrasound:** Dr. W. U. Färber, Gießen 8/02

Hazard identification: C, corrosive.

Application with ultrasound
5 min – 2 %
10 min – 1,5 %
15 min – 1 %
Papova with high protein burden
10 min – 2 %
Adeno with high protein burden
15 min – 3 %

Application without ultrasound
60 min – 1 %
30 min – 2 %
15 min – 3 %

Volumes	Code No.
2-litres-bottle	972
5-litres-jerrycan	974
25-litres-jerrycan	936

BANDELIN
www.bandelin.com
info@bandelin.com

60 years of experience in ultrasound
Certification
EN ISO 9001 / 12.2000 • EN ISO 13485:2003 + AC:2007

BANDELIN electronic GmbH & Co. KG
Heinrichstraße 3 – 4 • D-12207 Berlin
Tel.: +49-30-768 80 - 0
Fax: +49-30-773 46 99