



ULTRA SONIC CLEAN LINE

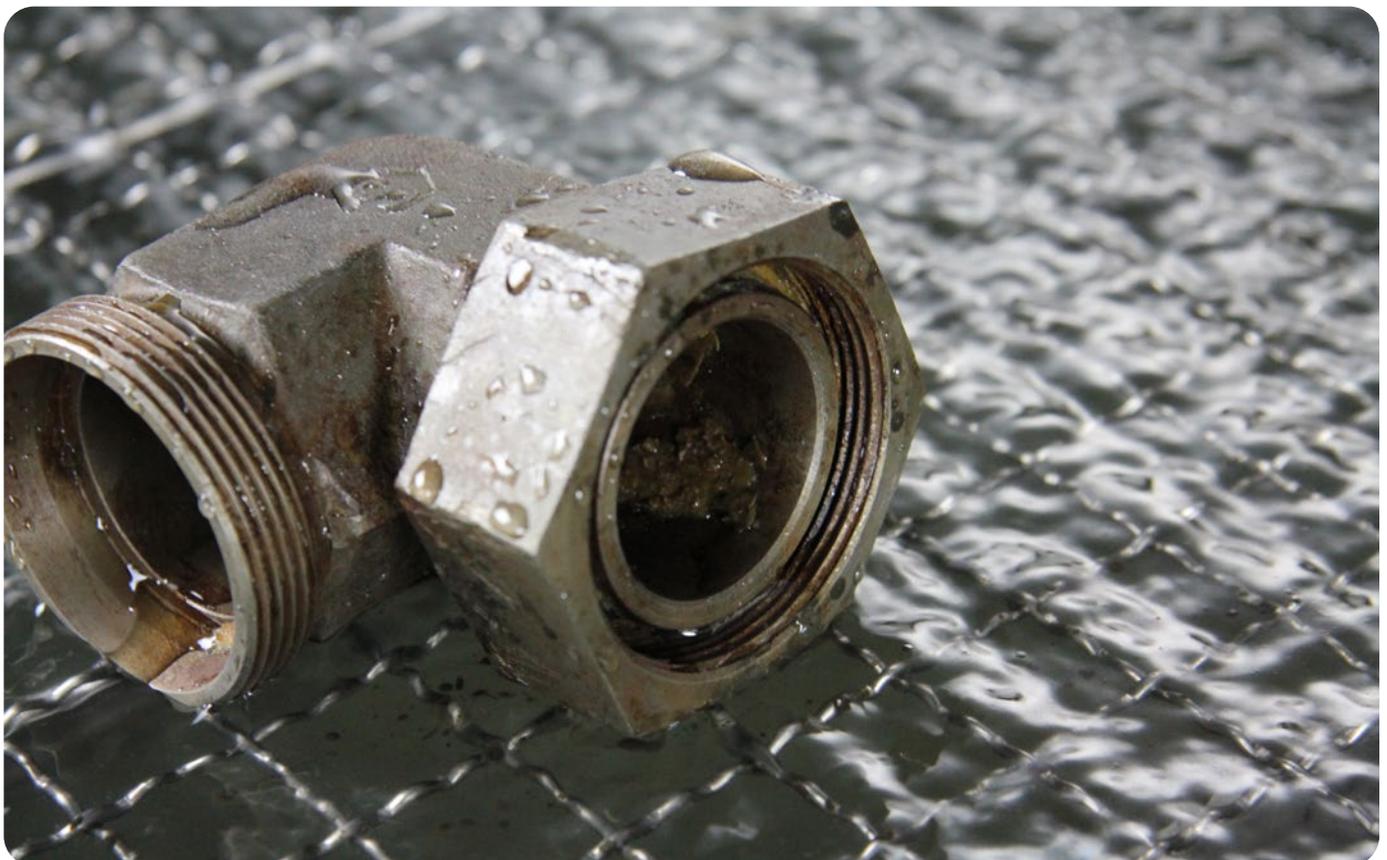


ULTRA SONIC CLEAN LINE

HIGH PERFORMANCE. CLEANLINESS. SAFETY.

When precision counts, cleanliness is not a secondary concern – it is key.

With the **Ultra Sonic Clean Line**, every perfect result begins with cleaning: **mark-free, powerful, and gentle on materials.**



WHY ULTRA SONIC CLEAN LINE?

Because cleaning today must be more than just 'clean'.

It must be **sustainable and efficient** – while delivering maximum quality.

- ✓ No hazardous substances – complete occupational safety
- ✓ Perfect cleaning performance – reliably dissolves oil, grease, limescale, and rust
- ✓ Suitable for various ultrasonic devices
- ✓ Gentle on materials – also suitable for sensitive surfaces
- ✓ Cost-effective – thanks to easy storage and handling

The right ultrasonic cleaner for every challenge.



HIGH PERFORMANCE US CLEANER

Cleaning – Degreasing – Derusting

The Ultra Sonic Clean Line is divided into two product lines – each developed for a specific challenge.

1. DEGREASE LINE – ULTRASONIC POWER AGAINST OIL AND GREASE

Designed for the precise removal of lubricants, grease, and oil residues—whether fine, coarse, or deep in narrow structures.

Degrease US Cleaner

Ideal for regular cleaning of sensitive components and workpieces.

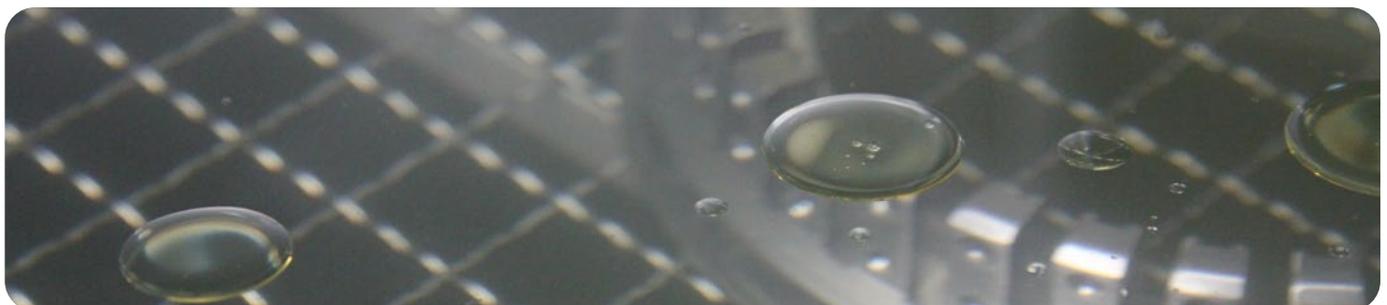
- DEMULSIFYING – oil separation capability
- Gentle on materials – with aluminium protection formula
- Long-lasting – perfect for large numbers of heavily soiled components



Degrease Emulsion US Cleaner

The emulsifying power formula against cooling lubricants, oils and light greases.

- EMULSIFYING – Clean removal of components from the cleaning bath
- Low residue – ideal for cleaning before component measurements
- Precise effect with low contamination



2. DERUST LINE – MORE THAN JUST ULTRASONIC DERUSTING.

Whether it's light corrosion or stubborn deposits, the Derust Line brings metal back to its best.

Derust Acid US Cleaner

The powerful solution for fast results.

- Effective against rust and limescale on metal workpieces, machine components and tools
- For stainless steel, steel and acid-resistant non-ferrous metals
- Precise action – gentle on materials



Derust Neutral US Cleaner

The gentle specialist with corrosion inhibitors for sensitive surfaces.

- Neutral pH value – no attack on sensitive surfaces
- Removes rust without attacking the underlying material
- Reduces carburisation in steels



	Miscibility	pH value (Values from MSDS)	VOC content in %	Steel/ Stainless steel	Aluminium	Non-ferrous metals	Plastics	Painted surfaces	Zinc-coated surface	Hazardous substance symbol	VOC	Label-free	
Derust Acid US Cleaner		2,2	0							-			A01053-7 jerrycan 10 l
Derust Neutral US Cleaner		7,2	0							-			A01053-9 jerrycan 10 l
Degrease US Cleaner	 ALUMINIUM PROTECTION	< 11,5	0							-			A01053-8 jerrycan 10 l
Degrease Emulsion US Cleaner		11	0							-			A01053-6 jerrycan 10 l

recommended limited use - not usable

ULTRASONIC CLEANING DEVICES

TECHNOLOGY THAT MAKES THE DIFFERENCE.

Parts with complex geometries are cleaned effectively with ultrasonic waves. Even tough cases, i.e. extremely persistent contaminations such as dried-on oils and greases, paints and varnishes or rust, will be dissolved with the aid of the appropriate cleaner – even from the tiniest of bores, material pores, and orifices.

FIELD OF USE:

Across all industries; maintenance of carburettors, filters, shafts, valves, pumps, motors, and components of any kind; small-part paint stripping and rust removal.



Ultrasonic Cleaning Devices **Ultra-Sonic 183L - 28 / Skim**

Large ultrasonic device with 180 L capacity.

- ▶ Removable support grates with lifting device (HubRT) (80 kg max.)
- ▶ 28 kHz ultrasonic power
- ▶ Sound and heat insulation – 50 mm thick
- ▶ With touchscreen control panel
- ▶ For all common applications
- ▶ With drain valve for main and auxiliary tank
- ▶ With oil separation in additional tank



Ultrasonic Cleaning Device Ultra-Sonic 183L - 28 / Skim		
Outside the device (mm)	1.500/980/1510	1.500/980/1510
Inside the tank (mm)	710/500/540	710/500/540
Support grid (mm)	680/435/400	680/435/400
Counter height (mm)	970	970
Net tank capacity (L)	183	183
Ultrasonic emittance (W)	1000	1000
Ultrasonic (kHz)	28/40	28/40
Thermal resistance (kW)	3,75	3,75
LIFTING DEVICE		
Up-and-down movement		Yes
Removable support grates		Yes
Type of lifting device		Pneumatic
Compressed air connection (bar)	6,5 – 8,5	6,5 – 8,5
Maximum load (kg)		80
Order number	G24180	G24180

Features

- ✓ Faster cleaning and improved cleaning results thanks to **HubRT inside**
- ✓ The automatic lifting mechanism (Hub) combined with cleaning technology (RT) ensures improved deep cleaning thanks to its uniform movement.
- ✓ Compatible with all products in the Ultra Sonic Clean Line
- ✓ Ergonomics – the HubRT system reduces unhealthy movements by users when loading and unloading the ultrasonic device

HubRT System – Precision. Performance. Efficiency.



**HubRT
inside.**



YOUR APPLICATION. YOUR SAFETY. YOUR EFFICIENCY.

The Ultra Sonic Clean Line ensures that your cleaning process:

- ✓ Runs faster
- ✓ Consumes fewer resources
- ✓ Delivers better surface results
- ✓ Provides optimal protection for your employees



Before



After

Ultrasonic Cleaning Devices 37 kHz

Elmasonic Select

Available in 8 different device sizes (Capacities from 2.75 L to 90 L).

- ▶ 37 kHz ultrasonic power
- ▶ Kit: device, lid, basket
- ▶ 49.7 L and 89 L incl. soundproof lid
- ▶ For all common applications
- ▶ Digital display with four memory locations for cleaning programs



Ultrasonic Cleaning Devices BC Sonic 37								incl. soundproof lid	
Capacity (L)	2,75	5,75	9,5	12,75	18	28	45	90	
External dimensions of device W/D/H (mm)	305/170/230	370/210/275	380/300/280	380/300/330	405/360/330	575/360/330	770/510/975	870/640/1145	
Internal dimensions of basin W/D/H (mm)	220/120/95	275/125/145	280/220/145	300/215/195	300/270/195	475/270/195	500/330/290	600/500/285	
Internal dimensions of rack W/D/H (mm)	195/105/50	255/115/75	255/200/70	250/190/110	280/250/115	455/250/110	460/300/195	545/460/190	
Power consumption (W)	320	550	550	1000	1000	1500	2140	2960	
Order number	G13915-S	G13925-S	G13935-S	G13945-S	G13910-S	G13920-S	G13930-S	G13940-S	



Multifrequency Devices BC-Sonic 25/45

Available in 7 different device sizes (22 L to 215 L) and equipped with different frequencies:

- ▶ 25 kHz ultrasonic power – for rough pre-cleaning
- ▶ 45 kHz ultrasonic power – for gentle final cleaning
- ▶ Dynamic function – by switching phase shift and additional pulse on and off, cleaning times are shortened and very persistent contaminations are dissolved
- ▶ Hinged lid for noise insulation and evaporation reduction as an optional extra



Multifrequenzgeräte BC-Sonic 25/45							
Capacity (L)	22	42	45	70	97	133	215
External dimensions of device W/D/H (mm)	500 x 550 x 936	500 x 550 x 936	670 x 580 x 936	670 x 580 x 936	885 x 850 x 936	885 x 850 x 936	1035 x 900 x 936
Internal dimensions of basin W/D/H (mm)	300 x 300 x 300	300 x 300 x 500	500 x 330 x 350	500 x 330 x 500	600 x 600 x 350	600 x 600 x 450	750 x 650 x 520
Internal dimensions of rack W/D/H (mm)	255x 230 x 170	255 x 230 x 370	400 x 255 x 220	400 x 255 x 370	490 x 525 x 210	480 x 525 x 300	630 x 575 x 370
Power consumption (W)	2000	2000	3800	5200	6800	9500	9500
Order number	G24022	G24042	G24045	G24070	G24097	G24133	G24215

A STRONG GLOBAL PARTNER:



- ▶ **CLEANING**
- ▶ **PROTECTING**
- ▶ **LUBRICATING**
- ▶ **WELDING**

Bio-Circle Surface Technology GmbH
Berensweg 200 • D-33334 Gütersloh
Phone no.: +49 (0)5241 9443-0
Fax no.: +49 (0)5241 9443-44
Email: service@bio-circle.de
bio-circle.de

bio-circle.com

Present around the globe

Our products are sold and used in 63 countries.
We have a global network of own subsidiaries,
production sites, and trade partners.



bio-circle.com

