PROLAQ



HEALTHIER VARNISHING TOGETHER

Bio-Circle Surface Technology GmbH _ Broschüre _ PROLAQ _ AL01/ 2024 - EN

BIO-CIRCLE®

bio-circle.com

PROLAQ

SAFE VARNISH REMOVAL? YOU BET!

Gefördert durch:
Bundesministerium für Wirtschaft und Energie
aufgrund eines Beschlusses des Deutschen Bundestages

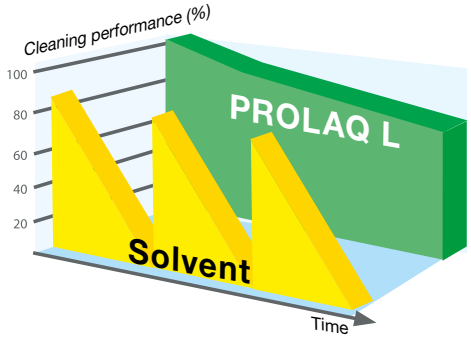
Paint removal for fresh and dried paints and varnishes

The PROLAQ cleaning systems have been especially developed for cleaning paint tools, e.g. paint spray guns, brushes, hoses, etc. In contrast to conventional thinners, the PROLAQ systems work with paint removers that are reduced in hazardous substances, **making work more pleasant, simplifying storage, and protecting the environment.**

With only 60 litres you have a service life that is 5 to 10 times longer!

FIELD OF USE:
in all industrial areas where painting is carried out, in automotive workshops, paint shops, automotive refinishers.

CLEANING CONSISTENCY



Cleaning components with PROLAQ L US in an ultrasonic cleaner



Manual or automatic cleaning of a spray gun in the PROLAQ Auto





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PROLAQ Compact

Manual cleaning system for all painting tools and spray guns

The mobile PROLAQ Compact offers the user a high degree of flexibility. It can be used to clean a vast range of varnishing tools, such as flow cup guns, nozzles, squeegees, clichés or tube-holding airless systems. The sturdy cleaning system is made of synthetic material (PE) and compressed-air driven; it is operated by means of a foot switch.
A high-quality flow brush guarantees perfect cleaning results. An additional compressed-air gun provides for fast drying of the cleaned parts.

PROLAQ: PRO LACKIERER!

- **Compressed-air driven**
- **Integrated funnel**
- **Movable due to mobility kit**
- **High-quality flow brush, available in different hardness levels**
- **Splash guard lid (optional)**







	PROLAQ Compact
Dimensions (W x H x D)	840 x 1060 x 600 mm
Work surface (W x D)	740 x 450 mm
Payload	100 kg
Working height	980/840 mm
Pump	Pneumatic diaphragm pump (AODD) PTFE diaphragm
Optimum filling quantity	40 – 60 L
Material	LDPE
Empty weight	50 kg
Air pressure	6 bar max.
Order number	**G90010**

PROLAQ Auto

Manual and automatic cleaning of all painting tools and spray guns

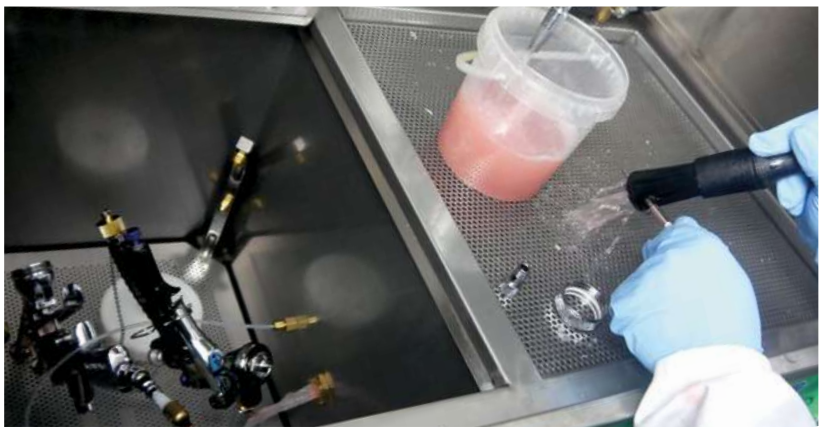
Cleaning in explosion-proof areas can be done both manually and automatically. Afterwards, the cleaned parts can be blown dry by means of an air shower. The integrated extraction device and the hood minimize odours effectively, thus guaranteeing a safe workplace.



- **Simultaneous automatic cleaning of two spray guns at a time**
- **For flow- and suction cup guns**
- **Subsequent air shower**
- **Option of manual cleaning by means of a flow brush**
- **Can be closed with a hood**
- **Integrated sedimentation- and filter unit**

PROLAQ: PRO-LACQUERER!

Automatic or manual cleaning of a spray gun in the PROLAQ Auto



	PROLAQ Auto
Dimensions (W x H x D)	857 x 1554 x 508 mm
Manual work surface (W x D)	415 x 415 mm
Working height	1040 mm
Pump	Pneumatic diaphragm pump (AODD) PTFE diaphragm
Output (pump)	12 l/min
Air consumption (pump)	58 l/min
Capacity	60 L
Material	Steel/stainless steel
Empty weight	94 kg
Air pressure	5 – 6 bar
Automatic cleaning	14 nozzles; cleans 2 spray guns
Noise level	<70 dB
Diameter exhaust pipe	76 mm
ATEX	Zone 1 and 2
Order number	**G90055**

PROLAQ CONVERSION KIT

The **PROLAQ Conversion Kit for existing systems** can be installed quickly and easily in all paint spray gun cleaning systems. The label-free PROLAQ L 400 paint remover replaces conventional solvents, and minute particles that have been removed from the system are **separated from the fluid by sedimentation**.

PROLAQ: PRO-LACQUERER!

ECONOMICAL

- On average 10 times longer service life with PROLAQ L 400
- Approx. one tenth of the usual disposal quantity

CONVENIENT

- Suitable for all paint spray gun cleaning systems
- Easy and quick to install → the system remains unaltered
- Incl. ball valve and lateral handles

SAFE

- Conductive → stainless steel
- Increased occupational safety → non-labelled paint remover PROLAQ L 400





unlabelled

Material	Stainless steel
Capacity	35 L
Outlet	Ball valve
Dimensions	Ø = 350 mm, h = 485 mm
Order number	**G90053**

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THE PROLAQ L RANGE

Make a choice – it's time for a change!

The **unique PROLAQ Liquids** are the alternative to cellulose thinner: **VOC-reduced and low-labelled varnish removers** and paint strippers for the removal of paints, varnishes, inks, and printing inks.
Recyclable. Reduced costs. Optimal cleaning performance. User-friendly. Environmentally compatible.

Fewer protective measures, operating cost reductions, and a safe and healthy workplace.
Systematic cleaning: The PROLAQ paint removers are ready for use and have been especially designed for use in the PROLAQ Compact and PROLAQ Auto cleaning systems, and in ultrasonic cleaning devices.

PROLAQ L 50

- **Ready for use, water-based cleaner for the removal of undried varnishes and paints**
- **Can be used in PROLAQ systems as well as manually: wet, flood or immerse, allow to react if necessary**

A50060 500 ml rPET bottle
PU: 20 x 500 ml
A02060 20 L jerrycan
A20060 200 L plastic drum
A10060 1000 L IBC

PROLAQ L 100

- **Paint remover for water-based paints and varnishes**

A02063 20 L jerrycan
A20063 200 L plastic drum
A10063 1000 L IBC
Hazard notice: Eye Irrit. 2

PROLAQ L 400

- **Paint remover for water- and solvent-based paints and varnishes**
- **Fast and virtually residue-free drying**

A02069 20 L jerrycan
A20069 200 L plastic drum
A10069 1000 L IBC

PROLAQ L 500

- **Paint remover for water- and solvent-based paints and varnishes**

A02017 20 L jerrycan
A20017 200 L plastic drum
A10017 1000 L IBC
Hazard notice: Eye Irrit. 2

Cleaning spray guns and accessories in the PROLAQ Compact



Cleaning spray guns and accessories in the PROLAQ Auto



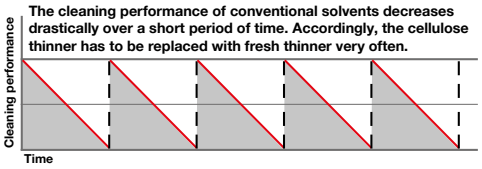


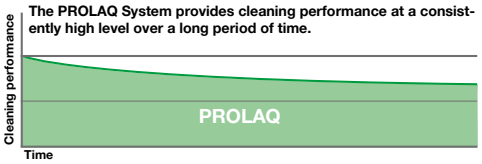
PROLAQ 400 and two-component varnish (undiluted)



Sedimentation process

PROLAQ FACILITATES CLEANING AT A CONSISTENTLY HIGH LEVEL





PROLAQ L 300

READY TO USE

- ▶ **Highly effective, low-solvent, water-based cleaner**
- ▶ **For the automated cleaning of inks on components, ink-carrying parts and parts and components of printing machines such as doctor blades, rollers, etc.**
- ▶ **Safety due to high flash point (> 85 °C)**
- ▶ **No hazardous goods classification**

A500913	bottle 500 ml
A020913	20 L jerrycan
A200913	200 L plastic drum
A100913	1000 L IBC

PROLAQ L US

READY TO USE

VOC reduced!

- ▶ **Paint stripper for hardened varnishes and paints**
- ▶ **For use in the Ultrasonic Cleaning Device for cleaning complex geometries and minute bores and orifices**
- ▶ **Temperature-stable up to 80 °C**

A00566	5 L jerrycan
A02066	20 L jerrycan
A20066	200 L plastic drum
A10066	1000 L IBC
Hazard notice: Eye Irrit. 2	

The PROLAQ Liquids dissolve dried and hardened paint, varnish, ink, printing ink, and pigmented ink.
Material: All painting tools and spray guns are cleaned, as well as stainless steel, steel, tiles and aluminium. In certain cases, also: non-ferrous metals and zinc-coated surfaces.

FIELD OF USE: across all industries, wherever paint and varnish are used, cleaning of spray guns, hoses, print rollers, stencils, et al. For manual and mechanical applications in the PROLAQ cleaning systems, in immersion baths, screen-printing cleaning systems and in ultrasonic cleaning devices.

Hose system cleaning with PROLAQ Liquid



With PROLAQ L US paint removal in an ultrasonic bath



PROLAQ ACCESSORIES

The extensive range of accessories is the perfect complement to the PROLAQ product range and guarantees fast and thorough cleaning results. The accessories can be ordered separately or together in a practical toolbox. The toolbox contains protective goggles, gloves, a cartridge filter, a pre-filter, and a gun cleaning kit.



PROLAQ Toolbox

G90010-01 PROLAQ toolbox with accessories with aluminium carrying handle, colour: green





G90010-02 PROLAQ coil cartridge filter 25 µm

G90010-03 PROLAQ pre-filter 200 µm

PU: 12 pcs.



G90010-07 PROLAQ toolbox holder



G90010-05 PROLAQ gun cleaning kit, 17 pieces



G90010-04 PROLAQ disposable gloves, grey, size XL

PU: 50 pcs. (1 box

PROLAQ flow brushes

for PROLAQ Compact

G90010-08 PROLAQ flow brush

G90010-09 PROLAQ flow brush, medium-hard



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