

Miele

Precision is a Responsibility. **One that Inspires Us.**

Miele Professional. Immer Besser.

360 PRO



“ **Demands relating to hygiene and cleanliness** have risen sharply. That is why we only entertain solutions which guarantee reprocessing to standards suitable for analytical experiments. With lab washers from Miele, the cleaning of laboratory glassware is both gentle on materials and hygienic, ensuring that items are ready for use once again in next to no time. **For us, it was clear from the outset that we would only use solutions provided by Miele Professional.** ”

BioZentrum Mainz, Germany





Watch video here:



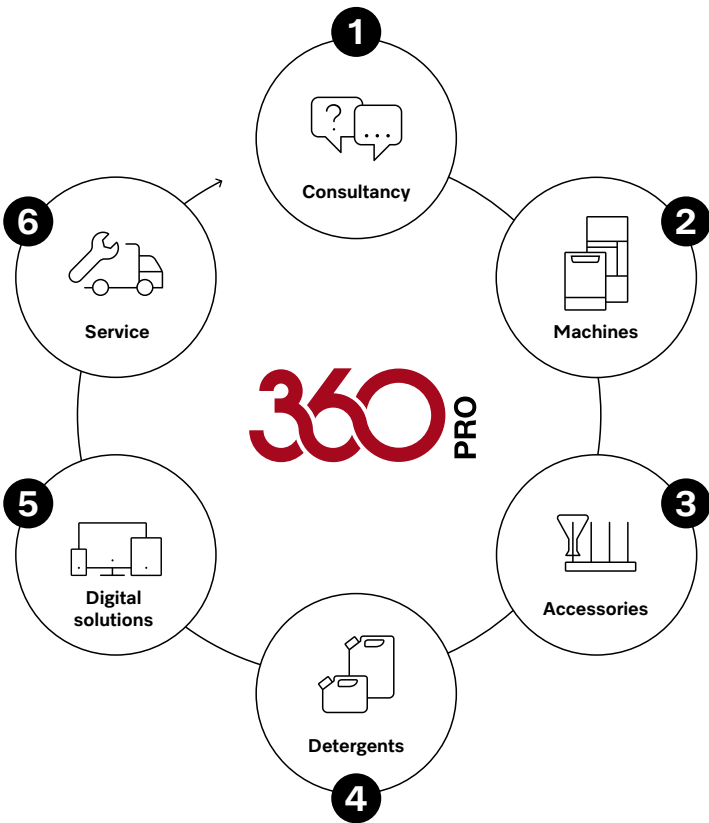
Miele 360PRO – A Tailored Solution for Every Laboratory.

Our holistic 360PRO system solution combines first-class quality, flexibility and reliability in laboratories of all types. Holistic because we start by carefully analysing your needs and then provide advice and support in finding the best lab washers and other machines together with inserts, matching detergents and tailored accessories. Together with our digital solutions and Miele’s first-class service, we will provide you with a compelling package comprising analytical-grade purity, sustainable efficiency and streamlined processes – all from one single source.



In developing reprocessing solutions for laboratory glassware, Miele Professional relies on close cooperation with the experts in industry, with research laboratories and with highly reputable glassware manufacturers. The result of this cooperation based on trust and innovation are machines and processes which convince discerning users all along the line.

What Does Miele 360PRO Include?



1 Consultancy

Based on your needs we provide profitability analyses, holistic planning and process optimisation. For maximum transparency, we invite you to bring your own glassware for a test wash in our showroom before purchasing a machine.

4 Detergents

With ProCare Lab, we offer detergents which perfectly match your lab washers to ensure top-class results combined with the gentle treatment of materials and economic dispensing.

2 Machines

We will find the right lab washers to meet your needs as well as washing machines and dishwashers for associated tasks.

5 Digital solutions

Connected machines, process optimisation and direct service support – Miele MOVE ensures transparency and efficiency in your processes.

3 Accessories

EasyLoad is our innovative accessory system for fast, flexible and efficient loading. Besides this, we offer further accessories – such as optimum water treatment.

6 Service

Whether advice on application technology, repairs or annual maintenance – our service team works towards ensuring that your machines are always ready when you are!



6 Reasons Why Miele 360PRO Is the Right Choice for You.

For more than six decades, Miele has been setting milestones in the machine-based reprocessing of laboratory glassware. Let us show you how our holistic approach can drive your laboratory forward.

01

More flexible

In combination with our range of accessories, EasyLoad offers unsurpassed flexibility covering all types of laboratory glassware – even in the same wash cycle. In addition to this, the risk of glass breakage is considerably reduced and glasses are protected.

02

More efficient

No time to spare? No problem! With our lab washers, you can wash more glassware in a shorter time and deploy your staff more meaningfully. Specialised wash cycles and automated processes optimise your workflow and increase the productivity of your laboratory.

03

More sustainable

Our lab washers go easy on resources in their use of energy, water and detergents. Proven longevity and a top-class supply of spare parts minimise your operating costs and, at the same time, reduce your carbon footprint.

04

More precise

With our machine-based glass-washing, you will achieve consistent levels of analytical purity for the reproducibility of results. The excellent cleaning performance of our washers in combination with first-class drying and our detergents meet the highest of standards – all from one single source.

05

More digital

Miele MOVE, the cross-product platform for efficient machine, data and process management, makes your laboratory more digital. From secure documentation through to direct service support, the web tool provides you and our service team valuable insights when needed.

06

More reliable

Minimum downtimes and maximum convenience – thanks to first-class Miele quality. Our comprehensive service package comprises expert advice, regular maintenance and fast access to spare parts, guaranteeing that the processes in your laboratory can continue unhindered.



Safe To Say, Also Suitable for Your Laboratory.

No matter what the branch. No matter what the speciality. We support the most diverse laboratories worldwide and continuously modify our solutions together with experts in the industry to cater for specific needs.

From compact teaching laboratory through to startups in bio-engineering. From state research institutes through to international pharmaceutical companies with industry-grade requirements, one thing is true: **360PRO solutions are the best choice for your laboratory.**

360PRO – holistic solutions for laboratories from all branches and types:

Life Sciences¹

Bio-engineering, Pharmaceuticals, GMP

¹ Includes Steelco

Education

Schools & Universities, Research laboratories
(with university affiliations, bio-medical, chemical)

Industry

Food and beverages (pasteurisation), Chemical and petro-chemical industries, Water authorities and water analysis, Waste management and energy, Body care and cosmetics, Industrial parts cleaning (printed circuit boards, automotive), Agriculture

Healthcare sector

Hospital laboratories, Diagnostics laboratories, Hospital pharmacies, Pathology, Manufacturers of medical instruments and implants, Blood banks

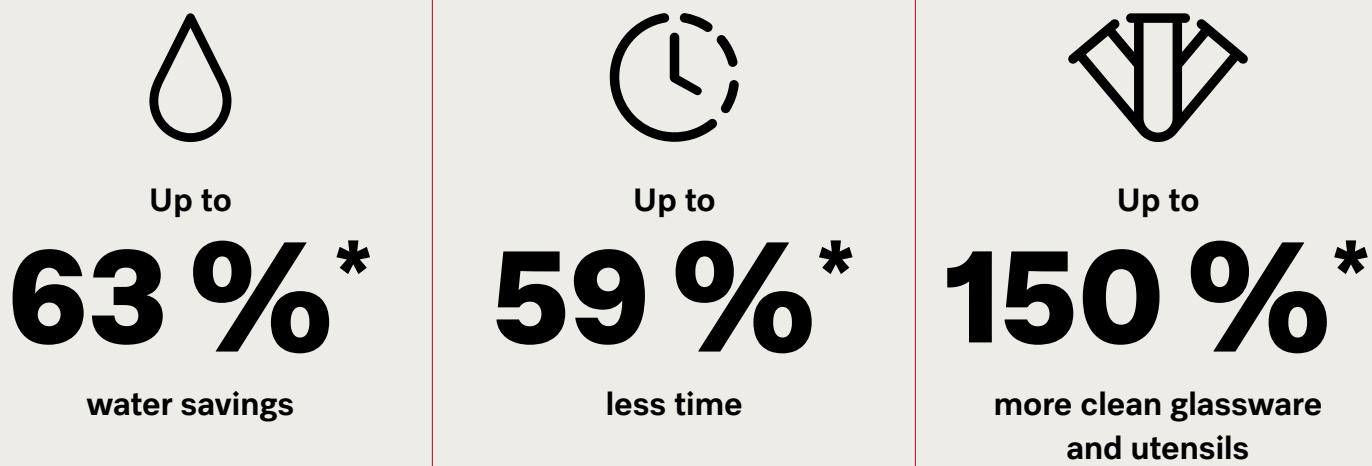
Governmental

State institutions, Military

Machine-Based Glass Reprocessing – Makes Your Laboratory Even More Efficient.

Are you still washing glassware by hand in your laboratory? If that is the case, there is huge potential for improvement. Only automatic laboratory reprocessing offers consistent levels of purity for analytical experiments, saves time and guarantees the sustainable and economic use of resources and detergents. Tip: We also offer entry-level lab washers in the usual industrial quality at attractive prices.

Switch From Manual to Machine-Based Laboratory Glassware Reprocessing and Profit From:



* Savings with PLW 8604, heating: 8.5 kW (3N AC 400V 50Hz), connection to cold and demineralised water (15°C).
Other technical conditions may result in different values.



And many other benefits:

- ♦ **Analytically pure glassware** as washing with demineralised water and thermal disinfection is possible
- ♦ **Ergonomic and simple cleaning** thanks to simple and fast loading options with versatile EasyLoad inserts
- ♦ **Reproducible results** thanks to standardised processes, constant and economical detergent dispensing and freedom from the imprecision of cleaning brushes
- ♦ **Minimised health risk** from inhaling aerosols, from skin contact with chemicals or injuries from splinters
- ♦ **Extended service life of laboratory glassware** thanks to gentle cleaning and a reduced risk of breakage
- ♦ **More economically designed processes** as employees can devote themselves to other tasks rather than manually cleaning laboratory glassware



Move your Lab.

Your Digital Solution for Efficient Machine, Data and Process Management.

Miele MOVE connects lab washers, optimises processes and saves time and money. The digital solution combines convenient user interfaces with useful functions and direct service support to continuously optimises work in your laboratory. Take the next step: Register on the digital platform and take control of your entire laboratory with just a few mouse clicks.

M

Manage your Data

Collect and precisely manage all relevant machine and process data. This not only reduces cost and effort but also ensures that all processes are reproducible and fully compliant with the highest of hygiene standards.

O

Optimize your Workflow

Optimise your work processes and increase the productivity of your team through the use of intelligent features, automatic notifications informing of machine events and direct service support to cut service costs and minimise downtimes.

V

Visualize your Potential

Browse individual settings and potential savings on an intuitive interface. At the same time, you will be informed on process and performance data.

E

Empower yourself

Increase your independence and secure your processes – thanks to well-thought-out functions that adapt to your individual requirements.

Immer Besser. For a Sustainable Future.

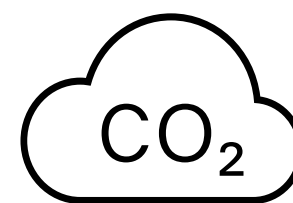
‘Immer Besser.’ has been our philosophy since 1899. It motivates us to be better than we were yesterday. It is the motor which drives us to be better each day and to develop more intelligent machines. This helps you to manage your laboratory more sustainably and to profit from durable and economic products.

15,000

test cycles on our **undercounter lab washers**.

20,000

tests conducted on **large-chamber lab washers**.



Reduction in CO₂ emissions

Miele is already climate-neutral across all its locations. We have also pledged to reduce CO₂ emissions during the use of our products by **15 %** by 2030 compared with 2019.

More than

28,000

spare parts available even 15 years after production ceases.

Machine-based laboratory glassware reprocessing offers water savings in each cycle of up to

60 %*

20 years

of service life – This is the benchmark to which our machines are designed, based on 3 programme cycles per day, 250 days per year.

* Refers to individual loads, e.g. savings of 60% using 100 ml bottles

The Right Machines For Your Laboratory.

Lab washers are vital pieces of equipment in every type of laboratory. We offer the perfect product for your laboratory from compact undercounter lab washers through to large-chamber units together with baskets and inserts to meet all requirements.



Learn more about our solutions:
www.miele.ie/pro/lab



Undercounter lab washers PLW 8604, PLW 8683, PLW 8693, PLW 8683 CD

The basic solution for your laboratory
Convincing performance on a small footprint: Our undercounter lab washers are the effective and economic solution to reprocessing in small laboratories, e.g. in schools, universities and SMEs.



More about
Undercounter lab washers

SlimLine lab washers PLW 7111

The solution for more demanding applications

Excellent throughput on a small footprint: With our SlimLine lab washers, increased demands on cycles can be met efficiently, for example in laboratories in the food industry, in cosmetics and in the production of coatings.



More about
SlimLine lab washers



Large-chamber lab washers PLW 86

The solution for highest throughput

Uncompromising capacity and speed: Our large-chamber lab washers are the workhorses in large laboratories and in the centralised reprocessing of laboratory glassware, for instance in the chemical and pharmaceutical industries.



More about
Large-chamber lab washers



Nothing Is Better Than **Personal Contact.**

We look forward to working with you on the best solution to meet your individual needs.

Tel.: 00353 (1) 4499260

Mon.-Fri. 09:00-17:15 h

Online:

www.miele.ie/pro/lab

