

JOIN GENERATION CLEAN!

Say goodbye to manual cleaning

- Fully automated – perfect cleaning every time
- Faster cleaning – higher productivity
- No cleaning agents – no environmental footprint

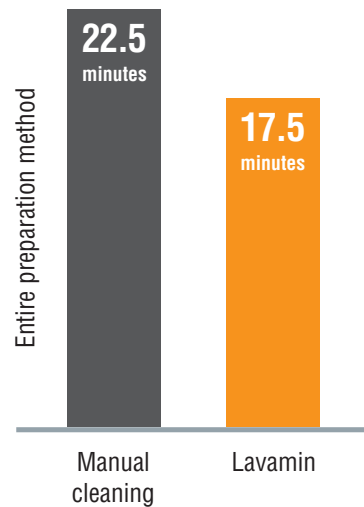
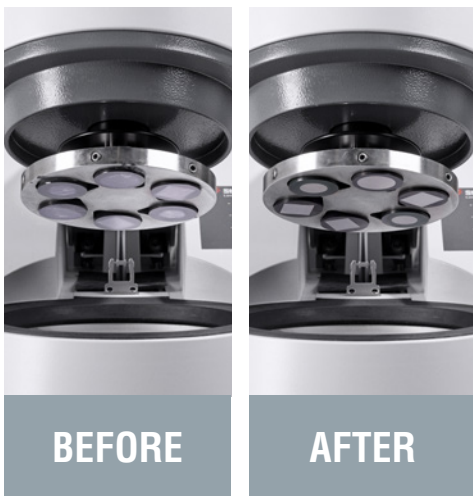
SAY GOODBYE TO MANUAL CLEANING

Gone are the days of standing at the sink cleaning specimens with soap, flushing with alcohol and drying!

Join Generation Clean with Lavamin, a world-first stand-alone cleaning unit for specimens in Struers specimen holders and mover plates up to 160 mm in diameter. The unit takes up very little space and can be installed in just five minutes.

Save time, costs and resources

- Shorten the specimen preparation process
- Avoid replacement of preparation surfaces due to accidental contamination
- Forget about cleaning agents and alcohol
- Eliminate environmental footprint
- Work more comfortably and safely
- Achieve the same perfect result every time



Shorter cleaning time and the ability to change the preparation surface during cleaning means a 20 percent saving in the total preparation process time.

Lavamin at work

Fully automated

Lavamin uses a patent-pending and entirely automated process combining ultrasound and water rinsing together with high-speed spin-drying of the specimen holder/mover plate.

Perfect cleaning – every time

You save time with a faster cleaning process and the opportunity to change the preparation surface while the specimens are being cleaned. Automated cleaning perfection every time and avoid replacement of preparation surfaces due to accidental

contamination. In addition to saving you time and costs, Lavamin eliminates chemical cleaning agents and leaves no environmental footprint.

Compatibility

Lavamin is compatible with Struers specimen holders and mover plates with a diameter up to 160 mm.

For the water and air supply Lavamin can be connected directly to Tegramin-25/-30.

1



Attach the specimen holder/mover plate.

4



Change the preparation surface while Lavamin is cleaning to be ready for the next preparation step.

2



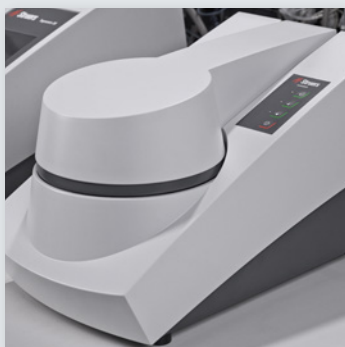
Select one of the three cleaning programmes.

5



The water is pumped out of the bowl. The drying process rotates the specimen holder or mover plate at high speed. In programme 3 the bowl is flushed with air for perfect drying of the specimens. The lid opens automatically.

3

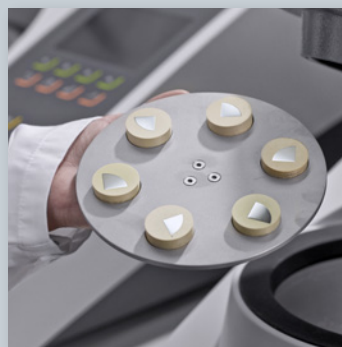


The lid closes automatically.

The bowl fills with water.

Ultrasound starts and the holder/mover plate starts gentle rotation.

6



Remove the completely clean and dry specimens and specimen holder/mover plate.

Start the next preparation step.

Programmes

PROGRAMME 1

Duration: 1 minute
Typical use: Cleaning after plane grinding or diamond polishing

PROGRAMME 2

Duration: 1 ½ minute
Typical use: Cleaning after fine grinding on MD-Allegro/Largo

PROGRAMME 3

Duration: 2 minutes
Typical use: Final cleaning, cleaning after OP-Polishing, flushing with air during drying.



SPECIFICATIONS

Lavamin

Specimen cleaning unit for cleaning of specimen holders up to 160 mm dia. and for individual specimens in specimen mover plates for Tegramin-25, -30, TegraForce-5 and RotoForce-4. Levelling unit, retention rings in 25 mm / 1", 30 mm / 1¼", 40 mm / 1½" and 50 mm / 2" dia. and rubber mats are included.

Voltage

1x200-220 V or 1x100-110 V / 50-60 Hz

Cat.no

06236233

ACCESSORIES

Levelling tool for adjusting retention rings on individual specimens for Lavamin

For round specimens 25 mm / 1", 30 mm / 1¼", 40 mm / 1½" and 50 mm / 2" dia.

Cat.no

06236920

Retention rings for specimens 25 mm / 1" dia.

To retain individual specimens in specimen mover plates for cleaning in Lavamin. 15 pcs.

06236910

Retention rings for specimens 30 mm / 1¼" dia.

To retain individual specimens in specimen mover plates for cleaning in Lavamin. 15 pcs.

06236911

Retention rings for specimens 40 mm / 1½" dia.

To retain individual specimens in specimen mover plates for cleaning in Lavamin. 15 pcs.

06236912

Retention rings for specimens 50 mm / 2" dia.

To retain individual specimens in specimen mover plates for cleaning in Lavamin. 15 pcs.

06236913

Applicator for retention rings

To apply and adjust retention rings for use with Lavamin. For specimens 25 mm / 1" dia.

06236921

To apply and adjust retention rings for use with Lavamin. For specimens 30 mm / 1¼" dia.

06236922

To apply and adjust retention rings for use with Lavamin. For specimens 40 mm / 1½" dia.

06236923

To apply and adjust retention rings for use with Lavamin. For specimens 50 mm / 2" dia.

06236924

Rubber mat

To keep small and light specimens in place, for Tegramin-25, TegraForce and RotoForce specimen mover plates. For use with Lavamin. For 140 mm dia. specimen mover plates

06236925

To keep small and light specimens in place, for Tegramin-30 specimen mover plates.

For use with Lavamin. For 160 mm dia. specimen mover plates

06236926



Find out more about
Generation Clean
and Lavamin
www.struers.com/lavamin

SEE THE VIDEO

Do not use Lavamin to clean specimens that are not stable when exposed to ultrasound or water.

Struers' equipment is in conformity with the provisions of the applicable International Directives and their appurtenant Standards. (Please contact your local supplier for details)

Struers' products are subject to constant product development. Therefore, we reserve the right to introduce changes in our products without notice.

Ensuring certainty

Materialographic preparation and testing demands consistent, reproducible results. These come not only from your laboratory process, operators and equipment, but from your supply chain and your partner. We call this ensuring certainty. And as the global market leader in materialographic solutions, Struers is committed to ensuring certainty by helping you meet every one of these needs.

High quality design and engineering of equipment and consumables are only part of the story. As a Struers customer you can also ensure certainty through our unique knowledge base, robust global supply chain, and expert service and applications support – where and when you need it.

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