



SLIJP- EN POLIJSTROBOT

QPOL 250 BOT

qatm.com/nl/producten/slijpen-polijsten-etsen/volautomatisch-slijpen-polijsten/qpol-250-bot/

QPOL 250 BOT

SLIJP- EN POLIJSTROBOT

The compact fully automatic grinding and polishing robot Qpol 250 BOT combines the complete grinding and polishing process, including ultrasonic cleaning in one machine. 16x disc changer, 6x dosing unit and an integrable sedimentation tank fits perfectly into the System lab.

Intuitive user interface via touch screen and a user friendly fixation system for central force sample holder enable preparation results in shortest time. All parameters can be adjusted during the automatic process.

The benefits of automation with the Qpol 250 BOT:

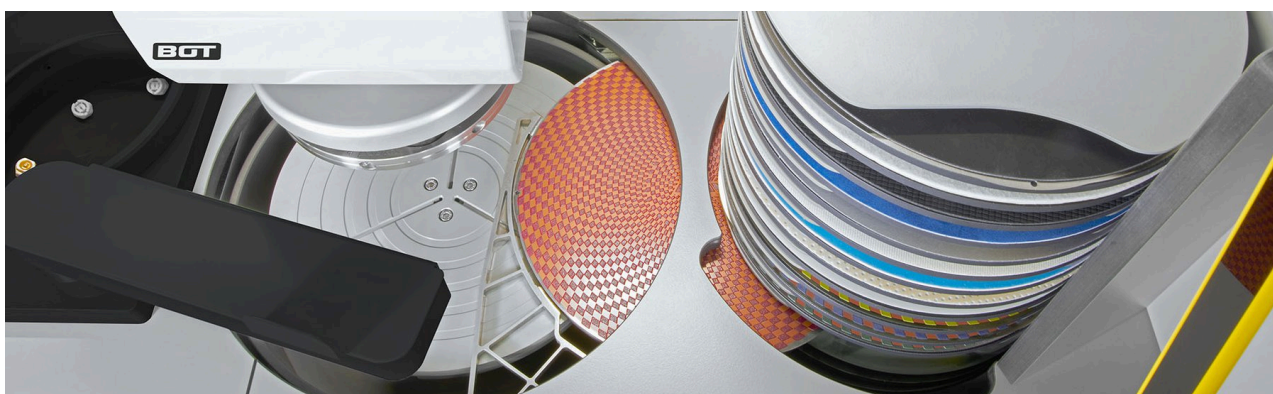
- | **Automated Processes:** Grinding, polishing, and cleaning are fully automated.
- | **Flexible Media Selection:** Choose customized media tailored to your specific needs.
- | **High Reproducibility:** Ensure consistent results through reliable processes.



QPOL 250 BOT

PRODUCTVOORDELEN

- | Slijp- en polijstsysteem met centrale druk
- | Aluminium behuizing, gepoedercoat
- | Slijp- en polijstsysteem met centrale druk
- | Polijstkop met variabele snelheid
- | Variabele snelheid van werkwiel en polijstkop
- | Verwijderingsmeting
- | Automatische schuurwisselaar
- | Reinigingsstation met water, lucht en ethanol
- | Ultrasoon reiniger
- | 6-voudige doseereenheid (4x diamant suspensie of smeermiddel, 2x fijne polijst suspensie)
- | Opberglade voor schuurmiddelen
- | Bezinkingstank 45L



QPOL 250 BOT

OVERTUIGENDE VOORDELEN

**CLEANING STATION**

The cleaning station enables a fully automatic multi-step cleaning of the sample with water, air and alcohol. Cleaning times and steps are completely adjustable as needed. The ultrasonic cleaning station provides intermediate or final cleaning.

**SETTLING TANK**

The insertible settling tank is invisibly integrated into the cabinet with all its connections (option).

- | 2-chamber PVC tank 45 liter
- | mobile, with insertion mechanism for System Lab cabinets

**DISC CHANGER**

The storage elevator contains up to 16 different grinding discs, such as SiC paper or Galaxy discs. During cleaning the sample, the foil changer replaces the grinding media and fixes it with the Vacu- Jet system automatically.

**DOSING UNIT**

Dosing and bottles depot are easily accessible and clearly arranged in the cabinet. Optional level monitoring and magnetic stirrer.

QPOL 250 BOT

SUPERIORITY IN DETAIL

1 | ROBUST HOUSING

- | Robust powder-coated aluminum housing
- | Seamless integration into the system laboratory

2 | INTEGRATED CLEANING STATION

- | Cleaning with ultrasound, water, and ethanol
- | Drying via compressed air
- | No contamination

3 | MEDIA CHANGER

- | Up to 16 grinding and polishing media

4 | 10" INDUSTRIAL TOUCHSCREEN

- | Intuitive QATM user interface
- | Up to 200 user-defined preparation methods

5 | INTELLIGENT TOOL HEAD

- | Removal measurement thanks to force sensors
- | Variable speed

6 | SOPHISTICATED SAFETY CONCEPT

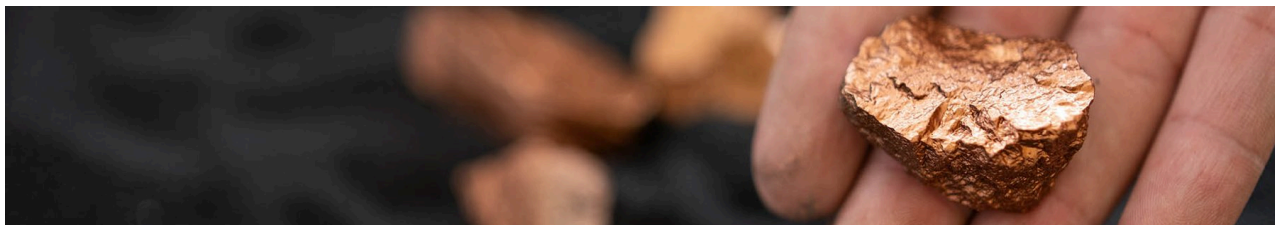
- | Light barrier prevents access to the danger zone



QPOL 250 BOT

GEOLOGIE EN MINERALOGIE

Dit instrument is ideaal voor geologische en mineralogische toepassingen.



PREPARATION GUIDE FOR GEOLOGY AND MINERALOGY →

qatm.com/nl/toepassingen/geology-and-mineralogy/

QPOL 250 BOT

CONSUMABLES BY QATM

PERFECT GRINDING AND POLISHING

Grinding and polishing is more reliable, safe and efficient when processed with the right ingredients: knowledge, care and the right choice of consumables and instruments.

NAAR HET PRODUCTENOVERZICHT "GRINDING" →

qatm.com/nl/producten/verbruiksmateriaal/grinding/

NAAR HET PRODUCTENOVERZICHT "POLISHING" →

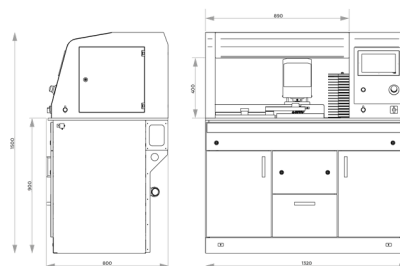
qatm.com/nl/producten/verbruiksmateriaal/polishing/



QPOL 250 BOT

TECHNISCHE GEGEVENS

Draaischijven	Ø 250 mm
Aandrijfkracht	1,1 kW S3/40%
Monsterhouder-Ø	160 mm
Aandrijfkracht polijstkop	0,17 kW S1
Snelheid (kop)	30 - 150 tpm
Snelheid (slijper)	50 - 600 tpm
Gecontroleerde verwijderingsmeting (weergave accuraatheid)	0,1 mm
Water connectie	1x vers water R $\frac{1}{2}$ " max. 6 bar
Water uitlaat	1x afvalwater DN50
Perslucht aansluiting	6 bar. koppeling verbinding NG8
B x H x D	1320 x 1500 x 800 mm



QPOL 250 BOT

BESTELINFORMATIE

BASIS UITRUSTING

MACHINE (1 ITEM NOODZAKELIJK)

M5805050	Qpol 250 BOT Basis machine 230V/50Hz
M5805051	Qpol 250 BOT Basis machine 110V 60Hz

DOSEER SYSTEEM (TE BESTELLEN BIJ DE MACHINE)

A5805050	Doseersysteem basic
A5805051	Doseersysteem standard
A5805052	Doseersysteem standard plus

OPTIES (KUNNEN AFZONDERLIJK BESTELD WORDEN)

Z5446030	Sample holder L-160-12-Ø-25 central pressure
Z5446031	Sample holder L-160-8-Ø-30 central pressure
Z5446034	Sample holder L-160-6-Ø-40 central pressure
Z5446035	Sample holder L-160-5-Ø-50 central pressure
Z5446030	Sample holder L-160-12-Ø-1" central pressure
Z5446032	Sample holder L-160-8-Ø-1 1/4" central pressure
Z5446033	Sample holder L-160-6-Ø-1 1/2" central pressure
Z5446035	Sample holder L-160-5-Ø-2" central pressure
Z5446036	Sample holder L-160-3-RE-55x30 central pressure
Z5446037	Sample holder L-160-3-RE-60x40 central pressure
Z5446038	Sample holder L-160-6-Ø-20-40 central pressure
Z5805001	Aansluitingsset
95005867	Dragerplaat
05400114	Nivelleerplaat Ø160mm 2mm
05400246	Nivelleerplaat Ø160mm 4mm
A5810237	Bezinkingstank 45L voor System Lab 2, mobiel, met plaatsingsmechanisme voor kast 900

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CONTACTEER ONS →

qatm.com/nl/contact-services/contact-form/?prefilltext=contact_form.request&product=A01C12A

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