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ELECTROLYTIC POLISHING & ETCHING MACHINE

QETCH 1000

qatm.com/products/grinding-polishing-etching/electrolytic-polisher-etcher/qetch-1000/

QETCH 1000

ELECTROLYTIC POLISHING & ETCHING MACHINE

The Qetch 1000 is a fully automatic electrolytic polisher and etcher with intuitive touch-screen operation.

Polishing and etching unit and control unit are separated, also the Qetch 1000 can be used in the lab fume cabinet. A scan function displays the current voltage curve of a material and provides polishing results quickly without structural changes.

Handling of the polishing and etching unit was facilitated significantly by the interchangeable 1 ltr. electrolytic tanks. Different electrolytes can be changed and easily stored with lid. The unit is cleaned with water by a washing program.



QETCH 1000

PRODUCT ADVANTAGES

- Automatic, electrolytic polishing & etching device
- Touch-screen display with QATM-software control
- Up to 200 programs with all parameters storable, protected per password
- Current & voltage diagram in real time
- Variable output voltage and process duration







QETCH 1000

PERFECT ETCHING — CONSUMABLES BY QATM

Etching is more reliable, safer and more efficient when performed with the right equipment: Knowledge, exercising care and the right choice of consumables and equipment are crucial.

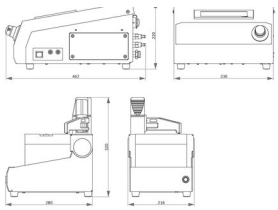
TO THE PRODUCT RANGE →
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QETCH 1000

TECHNICAL DATA

Connection power	2 kVA
Max. voltage	90 V DC
Max. current	14 A
Polishing duration	1 sec - 25 min
Etching duration	1 sec - 5 min
W x H x D	330 x 220 x 400mm
Weight	~ 7 kg



QETCH 1000

ORDERING INFORMATION

BASIC EQUIPMENT

MACHINE (ALL ITEMS REQUIRED)

M6202000	Qetch 1000 (Kristall 680) Base machine
A6202003	Qetch 1000 (Kristall 680) polishing and etching unit

POWER SUPPLY (1 ITEM REQUIRED)

A6202000	Qetch 1000 power supply 220-240V/50/60Hz (1Ph/N/PE)
A6202001	Qetch 1000 power supply 110-120V/50/60Hz (1Ph/N/PE)

ELECTRICAL BOARD FOR SECOND ETCHING CELL (TO BE ORDERED WITH THE MACHINE)

A6202005	Qetch 1000 connection extension

OPTIONS (CAN BE ORDERED SEPARATELY)

A6202004	External etching unit
Z6202001	Set of masks
Z6202002	Electrolyte vessel
Z6202003	Connection set Qetch 1000 (Kristall 680)

QETCH 1000

DOWNLOADS

PRODUCT DATA SHEET QETCH 1000 →
qatm.com/files/450058/product-data-sheet-qetch-1000.pdf

QETCH 1000 CATALOGUE PAGES →
qatm.com/files/2140/qetch-1000-catalogue-pages.pdf

QETCH 1000

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