



ELECTROLYTIC POLISHING & ETCHING MACHINE

QETCH 1000

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

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

ELECTROLYTIC POLISHING & ETCHING MACHINE 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

www.qatm.com/qetch-1000

ORDER DATA

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)