



ELECTROLYTIC POLISHING & ETCHING MACHINE

QATCH 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)
----------	--	--