



rethought

Sale
available from 01/16

The new design of the electrolytic polisher and etcher **Kristall 680** impresses with clear design and a completely rethought application for higher efficiency and safety standard.

The basic equipment with its touchscreen controls complies conveniently with operating standards. Up to 250 processes can be created intuitively, stored, retrieved and protected by password.

A scan function displays the current-voltage curve of a material.

The optimum values for a polishing or etching process can be transferred directly from this diagram or adjusted manually. During the process, while monitoring the electrolyte temperature, the voltage and current curve is displayed graphically at the same time.

Operation of the basic device is possible even with gloves, and separation of the polishing and etching unit enables a space-saving use in lab fume cabinet.

Handling of the polishing and etching unit was facilitated significantly by the interchangeable 1Ltr. electrolytic tanks.

Different electrolytes can be changed easily and stored closed with lid.

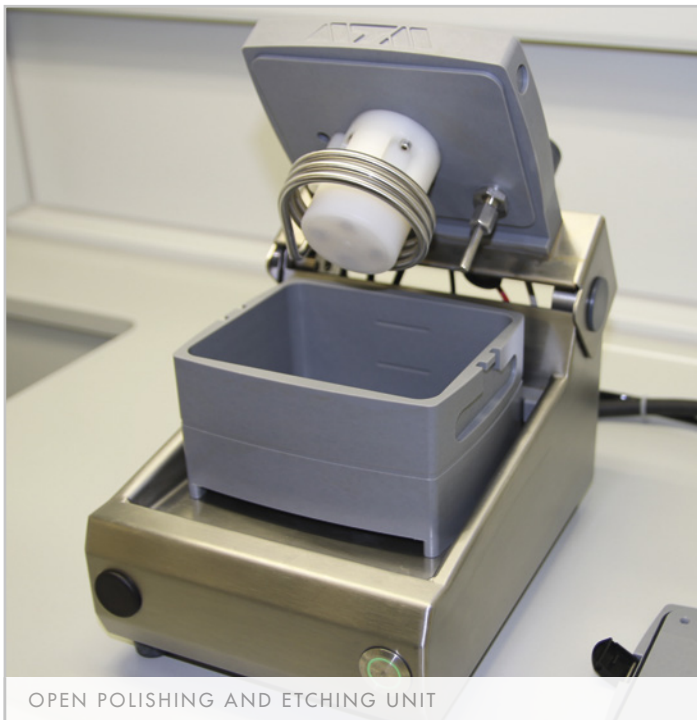
The unit is cleaned with water by a washing programme.



features



INTUITIVE TOUCHSCREEN-CONTROL



OPEN POLISHING AND ETCHING UNIT



LOCKABLE ELEKTROLYTE TANK



CONNECTION OF EXTERNAL ETCHING UNIT

Kristall 680 basic unit

- ▶ Intuitive touchscreen control with current and voltage diagram (real time)
- ▶ More than 250 programs storable with password
- ▶ Scan function
- ▶ Output current 0 – 14 A / output voltage 0 – 90 V / power output 1 kW
- ▶ Connection for polishing and etching unit and external standard etching unit
- ▶ Contactless, magnetically coupled pump engine
- ▶ USB-interface (e-Lab-ready)

Kristall 680 polishing and etching unit

- ▶ Large polishing table (WxD 160x140 mm)
- ▶ Contactless, magnetically coupled pump-engine
- ▶ Sample height 50 mm (higher samples to be etched with external anode/magnetic or crocodile clip)
- ▶ Exchangeable electrolyte tank with lid (1 Ltr.) made of chemical-resistant plastic
- ▶ Automatic start button with LED-display function
- ▶ Stainless steel housing with drip tray
- ▶ Incl. connection for cooling at basic unit
- ▶ 6 masks (set)
(blind mask/Ø8/Ø14/Ø30/12.5x12.5/20x25 mm²)

Safety

- ▶ Monitoring of the electrolyte temperature
- ▶ Protection against contact with live components
- ▶ Basic module with emergency stop button
- ▶ Made of stainless steel or chemical-resistant plastic