

Kristall 620 Electrolytic Polisher / Etcher

20
amps



Precise. Accurate.

The **Kristal 620 Electrolytic Polishing and Etching System** combines the precise control needed for accurate polishing procedures with the simple and durable design required to withstand the corrosive environment associated with electrolytic operations.

The advanced power supply is capable of producing 20 Amps of current for fast removal in operations such as residual stress measurement and titanium structure evaluations. All polishing parameters can be set using the control panel for repeatable procedures.

Etching can be performed automatically after the polishing process using a lower voltage or, as a separate operation. An external etching dish and tongs are available for perfect stainless steel microstructures.

The design aspect which sets this machine apart from others is the simple and durable polishing cell. Completely chemically resistant, the polishing cell is designed for easy exchange of electrolytes.



Kristall 620 Electrolytic Polisher / Etcher

Polishing:
0 - 60 V / 0 - 120 V
0 - 20 A

Etching:
0 - 15 V
0 - 2.5 A

Timer: 0 - 60 Seconds

Polishing Area Masks:
1, 2, 10 cm²

Power:
110 V / 60 Hz, 1 Phase

Dimensions W x H x D:
20 x 11 x 13"

Weight: 77 lbs



Chemically resistant
Polishing Cell has
water cooling to maintain
electrolyte temperature



Optional **External Etching
Cell** is perfect for grain size
etching on stainless steel
samples.



Automatic operation for both
polishing and etching is set
and run using the high
current power supply

