

Technical Data

Power Supply

50/60Hz (max. load 9.8A)	1 x 100V / 120V
50/60Hz (max. load 4.9A)	1 x 220V / 240V

Output voltage/current

Polishing	0 - 100V	(1V steps) / 6A
Etching	0 - 25V	(0.5 V steps) / 6A
External Etching	0 - 15V	(0.5 V steps) / 1.5A

Software and Electronics

Display	128 x 240 dots (16 x 40 characters)
Controls	Touch pad
Database	10 Struers methods + 20 user definable methods (non volatile)

Dimensions and Weight

	Control unit	Polishing unit
Width	385 mm / 15.2"	220 mm / 8.7"
Depth	350 mm / 13.8"	350 mm / 13.8"
Height	160 mm / 6.3"	160 mm / 6.3"
Weight	18 kg / 40 lbs	6.3 kg / 14 lbs

Specifications

LectroPol-5

Fully automatic, microprocessor controlled electrolytic polishing and etching apparatus. Complete with control unit, polishing unit (04936201) and external etching unit (02250121). One set of masks (04936915) and two electrolyte containers (04936902) included.

	Cat. no.
Control unit with external etching unit	04936233
Polishing unit with one set of masks (04936915) and two electrolyte containers (04936902)	04936201
Polishing unit for low temperature, with one set of masks (04936915), one cathode (04936908) and two electrolyte containers (04936902). External cooling unit and tubing for connection to the external cooling unit are not included and have to be sourced alternatively. Internal dia. of tubing to be used, 6 mm	04936202
Switchbox for the connection of two polishing units to a LectroPol-5 Control Unit.	04936911
Extension Arm, for the preparation of specimens up to 100 mm high. Can be mounted on pol. unit 04936202 and on pol. unit 04936201 from serial no. 4935250	04936909
1 set of masks (0,5, 1, 2, 5 cm ² and 1 without aperture.)	04936915
1 set of 5 masks 0,5 cm ²	04936916
1 set of 5 masks 1 cm ²	04936917
1 set of 5 masks 2 cm ²	04936918
1 set of 5 masks 5 cm ²	04936919
1 set of 5 masks without aperture	04936920
Electrolyte container with lid	04936902
External etching unit	02250121

List of Electrolytes

A2	A3	D2
Aluminium	Martensitic Steel	Brass
Iron	Molybdenum	Copper
Nickel	Stainless Steel	Gold
Silver	Titanium	
Stainless Steel	Vanadium	
Steels	Zirconium	
Tin		
Titanium		

Struers' equipment is in conformity with the provisions of the applicable International Directives and their appurtenant Standards. (Please contact your local supplier for details)

Struers' products are subject to constant product development. Therefore, we reserve ourselves the right to introduce changes in our products without notice.



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