ZDP-300 Vibratory polisher

Vibratory polisher • Technical datasheet

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Vibratory polishing is used to reduce the fine deformation layer left by mechanical preparation and improve the specimen surface finish. The ZDP-300 is intended for preparation ahead of EBSD, AFM and SEM analysis. Its mechanical-chemical polishing action is particularly suited to soft and ductile materials, including titanium, aluminium and copper and their alloys, as well as nickel-based alloys and high-temperature alloys.

Specifications

Model	ZDP-300
Machine body configuration	Benchtop
Control method	Touchscreen control
Polishing disc size	305 mm
Polishing diameter	Φ8-50 mm (custom sizes available)
Main unit power	1.5 KW
Frequency adjustment	automatic (0-400Hz adjustable)
Voltage adjustment	automatic (0-220V adjustable)
Power supply	220V
Dimensions	500*480*320 mm (L * W * H)
Net weight	59.5 KG
Gross weight	70 KG
Standard configuration	
Main unit	1 unit
Transparent dust cover	On main unit
Specimen holder	3 sets each of Φ25/30/40 mm; holds mounted or unmounted specimens
Polishing consumables	1 final polishing cloth, 1 bottle of 0.05 µm alumina powder, 1 bottle of 0.02 µm silica suspension

Counterweights	2 pieces
Level vial	1 piece
Power cable	1 piece
Technical documentation	1 set (manual, inspection certificate and warranty card)

Contact

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Compiled from published product information. Final configuration follows the technical agreement; confirm options, fixtures and scope with an application engineer.

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