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Technical data	
Connections	Three-phase 6 bar (90 psi) – consumption approx. 50 l/min Mains water input, output to normal drain
Main dimensions	MAPS-2 Preparation Module Height: 1900 mm Width: 1470 mm Depth: 1080 mm Weight: 850 kg
Specimen holders	Size: 160 mm dia. and 200 mm dia. Abra specimen holders with conveyor ring
Specimen holder arm	Specimen holder motor: 150 rpm, 0.37 kW (0.5 HP) Operating force: 50-700 N in steps of 10 N
Plane grinding work station	Main motor: 4 kW (5.4 HP) Rotation speed: 1450 rpm Grinding stone: Diameter 356 mm, grinding width 115 mm Dressing: Automatic dressing of grinding stone Recirculation cooling unit: 60 l/min. Container capacity 65 l
Fine grinding and polishing work station	Main motor: 550 W (0.7 HP) / 1110 W (1.5 HP) Rotation speed: 150/300 rpm Grinding/polishing disc: Diameter 300-350 mm
Cleaning station	Programmable automatic cleaning: - Cleaning time - High-pressure water rinsing - Cleaning with detergent - Cleaning with alcohol - Air-drying
Conveyor	For 160 and 200 mm dia. specimen holders with conveyor ring. Capacity: 6 specimen holders
Dosing system	Bottle for DP-Suspension or DiaPro: 1000 ml Bottle for DP-Lubricant: 1000 ml Bottle for OP-Suspension: 1000 ml

Specifications	Cat. no:
MAPS-2 Preparation Module With 1 plane grinding station and 1 fine grinding/polishing station (150/300 rpm). With recirculation cooling unit (06108120/30), 1 Bottle Unit, 1 Dosing System with 3 DP-pumps (06107600), Stock removal unit (06103000) and disc cooling. With built-in PC and touch-screen operation.	061010xx
With 2 fine grinding/polishing stations (150/300 rpm), 2 Bottle Units and 1 Dosing System with 3 DP-pumps (06107600), 1 Dosing System with 2 DP-pumps and 1 OP-pump (06107610), and disc cooling.	061020xx
Conveyor Feed Module For mounting on MAPS-2 preparation module, with safety lid.	061090xx
Conveyor Connection Module For mounting on MAPS-2 preparation module, with safety lid.	061091xx
Conveyor Delivery Module For mounting on MAPS-2 preparation module, with safety lid and built-in drying fan.	061092xx
Recirculation Cooling Unit To use recirculated water for grinding on a MAPS-2 preparation module with 2 fine grinding/polishing stations. For MAPS-2	06108120/30
Recirculation Connection Kit For connection of 2 work stations to one recirculation cooling unit. For MAPS-2	06108100/10
Dosing Module 3 x DP 1 Dosing module with 3 DP-pumps. For MAPS-2	06107600
Dosing Module 2 x DP + 1 OP 1 Dosing module with 2 DP-pumps and 1 OP-pump. For MAPS-2	06107610
Level Indication Unit For continuously monitoring the contents of suspensions and lubricants in 1 Dosing System (for 3 bottles). For MAPS-2	06107700
Alcohol Separation Kit For collection of the waste-alcohol from the cleaning station. For MAPS-2	06108200
Signal Tower To display the actual working condition of MAPS-2	06104500

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 the right to introduce changes in our products without notice.