

Technical data

Grinding wheel	Rotational speed Size	1450 rpm 356 mm / 14"
Specimen holder	Speed Force Max. size sample holder	150 rpm 50-700 N 200 mm / 8"
Software and Electronics	LC Display Controls	320 x 240 characters Touch pad and Push-turn knob
Environment	Noise level Surrounding temperature Humidity	70 dB(A) 5-40 C° Max. 95% RH
Supply voltage	Power consumption No. of phases Output, main motor	4.5 kW 3 (3L+PE) 4 kW
Compressed air	Compressed air supply	6-10 bar
Dimensions and weight	Width Depth Height Weight	832 mm / 32.8" 957 mm / 37.7" 1570 mm / 61.8" 481 kg / 1060 lbs

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

Specifications

AbraPlan-20

Automatic plane grinding machine for specimens in specimen holders 160 mm / 6.3" and 200 mm / 8" diameter. With automatic diamond dresser and removal rate sensor. Recirculation cooling unit (05766xxx), grinding stone and specimen holders are ordered separately.

Cat. no.:

058961xx

Accessories

Cooling System 3

With 50 l tank, small pump, Cooli-1, and filter bag, consists of:
05766906, 05766xxx, 05761116, 05766928

057665xx

057666xx

Grinding stone 6A36 #150

Aluminium oxide grinding stone, for plane grinding of very hard steels/steels containing many carbides on AbraPlan and MAPS. Grit 150, 356 mm dia.

40800177

Grinding stone 3A36 #150

Aluminium oxide grinding stone, for plane grinding of nickel-based alloys (turbine blades) and stainless steels on AbraPlan and MAPS. Grit 150, 356 mm dia.

40800178

Grinding stone 4A36 #150

Aluminium oxide grinding stone, for plane grinding of metals >HV 250 on AbraPlan and MAPS. Grit 150, 356 mm dia.

40800010

Grinding stone 2S36 #150

Silicon carbide grinding stone, for plane grinding of non-ferrous metals on AbraPlan and MAPS. Grit 150, 356 mm dia.

40800074

Diamond Point for Dressing Tool

For AbraPlan-20.

02606962

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



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