

# POLITOUCH 1D

## Features

- > Manual single platen grinding/polishing machine, fully programmable by LCD touch screen control panel
- > Platen  $\varnothing$  250mm or  $\varnothing$  300mm
- > DC brushless motor, stepless speed
- > Cooling system to prevent sample overheating
- > Recommended for scientific research institutes, metallographic laboratories and universities.



Model	POLITOUCH 1D/250	POLITOUCH 1D/300
Platen	1	1
Platen diameter	250mm	300mm
Platen speed	100÷1000 stepless or four speeds 250, 500, 750, 1000rpm	100÷1000 stepless or four speeds 250, 500, 750, 1000rpm
Platen rotational direction	Clockwise/Counterclockwise	Clockwise/Counterclockwise
Torque	5.5Nm	5.5Nm
Noise level	<60dB	<60dB
Operating temperature	0÷30°C	0÷30°C
Humidity non-condensing	<65%	<65%
Water inlet	$\varnothing$ 12mm	$\varnothing$ 12mm
Water outlet	$\varnothing$ 32mm	$\varnothing$ 32mm
Motor power	1100W	1100W
Power supply	230V $\pm$ 10% - 50/60Hz - 1Ph	230V $\pm$ 10% - 50/60Hz - 1Ph
Dimensions	500x725x360 mm	500x725x360mm
Weight	55kg	55kg

Standard accessories	
POLITOUCH 1D/250	Abrasive paper $\varnothing$ 250mm 180# 2pcs; abrasive paper $\varnothing$ 250mm 400# 2pcs; abrasive paper $\varnothing$ 250mm 800# 2pcs; cover; sealing ring; inlet water pipe; outlet water pipe

Standard accessories	
POLITOUCH 1D/300	Abrasive paper $\varnothing$ 300mm 180# 2pcs; abrasive paper $\varnothing$ 300mm 400# 2pcs; abrasive paper $\varnothing$ 300mm 800# 2pcs; cover; sealing ring; inlet water pipe; outlet water pipe

Optional accessories	
Model	Description
D-1	Automatic dispenser for diamond/ alumina/silica products
SHM-100	Sample holder for round specimens (diameter on request). Mechanical type, with adjustable samples height.

