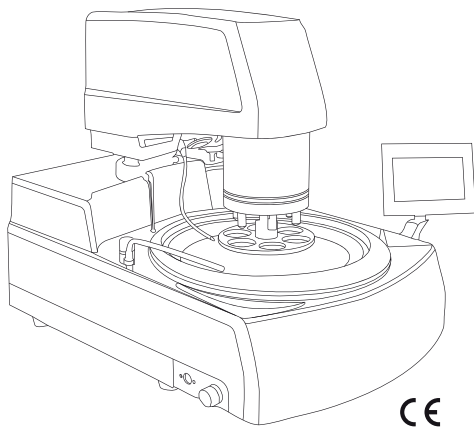


MECATECH 334 SPC

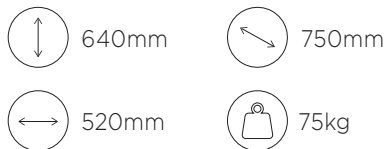
SINGLE STATION, AUTOMATIC POLISHING MACHINE

Ref. 67960

Equipped with a Ø 250 to 300mm platen, the MECATECH 334 SPC is a powerful and reliable polishing machine with the most advanced technologies for easy operation and easy maintenance. It gives the best polishing results on all types, sizes and number of samples.



CE



CHARACTERISTICS

Number of motors	1
Number of polishing platens	1
Diameter of the polishing platen	250 to 300mm
Rotation speed	20 to 700 RPM
Rotation direction	Clockwise and counter-clockwise
Nominal power S1	750W
Nominal power S3	1100W
Torque compensation	Automatic
Immediate stop of the platen	Automatic
Progressive acceleration of the platen	Automatic
Drying function	600 RPM
Spindle on bearing	✓
Base platen + anti-vibration seals	✓
Additional removable bowl	✓
Splash guard	✓
High strength mechanically welded + painted steel chassis	✓
Body in composite	✓
16/9 color TFT LCD touch screen 7"	✓
Simplified service and maintenance without dismantling	✓
Voltage	230V 1P
Frequency	50-60Hz
Max. current	8 A
Air pressure	5 - 10 bars
Water inlet	Ø 12mm
Water outlet	Ø 32mm
Compressed air	Ø 10mm

POLISHING HEADS

Individual pressure	✓
Central pressure	✓
Mounted samples	✓
Non mounted samples	✓
Rectangular samples	✓
Rotation speed	20 to 150 RPM
Rotation direction	Clockwise and counter-clockwise
Motor power	180W
Force per specimen	0,1 - 5daN
Maximum power available	30daN
Material removal measurement with automatic stop	-
Force controlled electronically	✓
Force reduced at start and end of cycle	✓
50mm lowering and raising of the polishing head	✓
Manual locking of the polishing head	✓
200CC lubricant included in the polishing head	✓
Sweeping function	-

SPECIMEN HOLDERS FOR CENTRAL PRESSURE POLISHING



**Specimen holder
Ø 160mm**
Ref. 57102



**Specimen holder
Ø 160mm**
Ref. 57103



**Blank specimen
holder**
Ref. 57105



**Specimen holder
Ø 160mm**
Ref. 57106



**Specimen holder Ø 160mm
annular holding**
Ref. 57107



**Compulsory hooking
system**
Ref. 57116



**Levelling press
for samples**
Ref. 57162

SPECIMEN HOLDERS FOR INDIVIDUAL PRESSURE POLISHING



Specimen holder Ø 170mm
Ref. 67835

REDUCTION RINGS FOR SPECIMEN HOLDERS



SPECIFIC HOLDERS ON REQUEST



ACCESSORIES FOR POLISHING HEADS

SPECIMEN HOLDERS FOR CENTRAL PRESSURE POLISHING

57102	Specimen holder Ø 160mm	for 6 samples Ø 25 to 32mm
57103	Specimen holder Ø 160mm	for 4 samples Ø 30 to 40mm
57104	Specimen holder Ø 160mm	for 4 samples Ø 40 to 50mm
57106	Specimen holder Ø 160mm annular holding	for 6 samples Ø 30mm
57107	Specimen holder Ø 160mm annular holding	for 4 samples Ø 40mm
57105	Blank specimen holder	Ø 160mm
57119	Specimen holder Ø 170mm	for 6 samples Ø 30 to 40mm
57108	Specimen holder Ø 210mm	for 12 samples Ø 25 to 32mm
57109	Specimen holder Ø 210mm	for 8 samples Ø 30 to 40mm
57110	Specimen holder Ø 210mm	for 6 samples Ø 50mm
57114	Specimen holder Ø 210mm	for 6 rectangular Specimen holder 30 x 55mm
57111	Specimen holder Ø 220mm	for 3 rectangular Specimen holder 50 x 100mm
57116	Compulsory hooking system	for central pressure specimen holder
57162	Levelling press for samples	

SPECIMEN HOLDERS FOR INDIVIDUAL PRESSURE POLISHING

67830	Specimen holder Ø 150mm	for 6 samples Ø 30mm
57145	Specimen holder Ø 160mm	for 6 samples Ø 38.1mm
67833	Specimen holder Ø 160mm	for 6 samples Ø 40mm
67835	Specimen holder Ø 170mm	for 6 samples Ø 50mm

REDUCTION RINGS FOR SPECIMEN HOLDERS

67850	1 reduction ring	Ø 50mm --> Ø 25mm
67851	1 reduction ring	Ø 50mm --> Ø 25,4mm
67852	1 reduction ring	Ø 50mm --> Ø 30mm
67853	1 reduction ring	Ø 50mm --> Ø 31,7mm
67854	1 reduction ring	Ø 50mm --> Ø 38,1mm
67855	1 reduction ring	Ø 50mm --> Ø 40mm
67856	1 reduction ring	Ø 40mm --> Ø 25mm
67857	1 reduction ring	Ø 40mm --> Ø 25,4mm
67858	1 reduction ring	Ø 40mm --> Ø 30mm
67859	1 reduction ring	Ø 40mm --> Ø 31,7mm