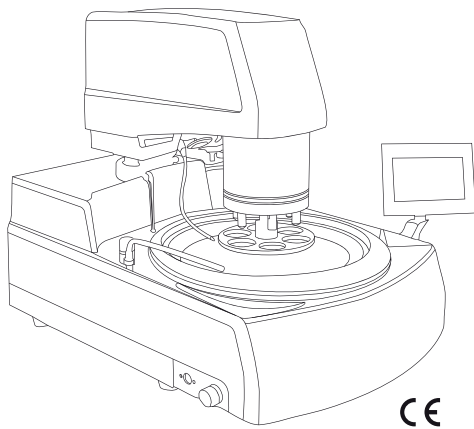


MECATECH 334 SPC

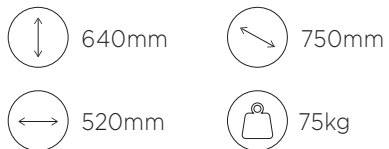
SINGLE STATION, AUTOMATIC POLISHING MACHINE

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 |