



60 SL200 00

## **SMARTLAM 2.0**

Manual polisher Ø200/300mm-Variable speed  
(Without working wheel - diameter to confirm when ordering)

### **Features**

Single spindle :

- working wheel suitable : ø 200-300mm
- steel casing powder coated color RAL 9003
- touch screen 3,5" to control the machine : start/stop speed and direction of the plate, water solenoid valve. .
- drive power 0,75 kW
- variable speed 20-650 rpm
- USB connection to save/load programs
- clockwise / counter clockwise rotation
- water flow adjustable, with safety solenoid valve
- rinsing tap can be pull out, to clean the machine
- removable resin basin, for easy cleaning
- plug to connect dosing unit MM909
- power supply 230 Volts 50 Hz/60 Hz (1 phase)
- power supply 110 Volts 60 Hz (1 phase)--> power of motor 0,37kw

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### **Dimensions & weight**

WxHxD : 450 x 300 x 650 mm  
30 kg

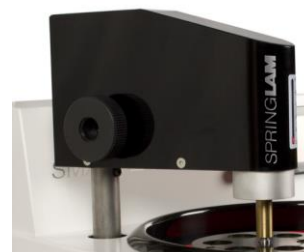


### **Options**

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**SPRINGLAM** pressure head (to use **SMARTLAM** as semi-automatic polisher)

- variable pressure thanks spring 0 - 200N
- attachment system for central sample-holder





### Option

- 080079910 Automatic abrasive dispenser **MM.909M**
- 3 dispensing channels (peristaltic pumps)
  - Touch panel to set the dispensing times, intervals, and pump to use
  - Magnetic dispensing nozzle.
  - One plate to hold the diamond bottles
  - System enslave to the machine cycle (220V power supply socket is require)

### Included

- 60SL200222 User and maintenance guide for smartlam 2.0 in english

### Options (to be ordered with the machine)

- 6000061190 Chinese power plug
- 600024290 Basic plate for platen Ø200mm or 8"
- 60 A0029 00 Sedimentation/recirculating tank (*not available for smartlam 2.0 110V*)
- Primary tank 5 liters, with sedimentation grid, removable
  - secondary tank 60 liters
  - intergrated pump, to ensure the supply of liquid (close network)
  - Tank on casters, for an easy cleaning
  - System enslave to the machine (need to be order with the machine)

### Additional standard material

#### Stainless steel sample holder for central pressure

- 06 SMC20 00 Sample holder for central pressure Ø119mm tear shape 6 x max ø 20-32mm (for plate Ø200 to 250mm)
- 06 MLC10 00 Sample holder for central pressure Ø160mm tear shape 6 x max ø 20-40mm (for plate Ø300mm)
- 06 K0011 00 adaptor kit to use sample holder Centrale pressure on smartlam 2.0 + springlam
- 06 MLP01 00 Levelling disc 3mm for sample-holder Ø160mm
- 06 MLP02 00 Levelling disc 3mm for sample-holder Ø119mm
- 06 MLC10 00 Sample holder Ø160mm for central pressure tear shape 6 cavities Ø 20-40mm
- 06 MLC30 00 Sample holder Ø160mm for central pressure 9 cavities Ø 30mm
- 06 MLC40 00 Sample holder Ø160mm for central pressure 6 cavities Ø 40mm
- 06 MLC50 00 Sample holder Ø160mm for central pressure 5 cavities Ø 50mm
- 06 MLC51 00 Sample holder Ø160mm for central pressure 5 cavities Ø2"
- 06 MLC12 00 Sample holder Ø160mm for central pressure 3 cavities 40x70mm
- 06 MLC14 00 Sample holder Ø160mm for central pressure 6 cavities 25x34mm

### Complementary accessories

- 08 82701 00 Aluminium working plate Ø 200mm
- 60 SL002 90 clamping ring (metal)for abrasive papers Ø200mm
- 08 82702 00 Aluminium working plate Ø 230mm
- 60 SL001 90 clamping ring (metal)for abrasive papers Ø230mm
- 08 82703 00 Aluminium working plate Ø 250mm
- 60 SL004 90 clamping ring (metal)for abrasive papers Ø250mm
- 08 82704 00 Aluminium working plate Ø 300mm
- 60 SL006 90 clamping ring (metal)for abrasive papers Ø 300mm
- 08 82731 00 Aluminium working plate Ø8"
- 60 SL003 90 clamping (metal)ring for abrasive papers Ø 8"
- 08 82733 00 Aluminium working plate Ø10"
- 60 SL007 90 clamping ring (metal)for abrasive papers Ø10"
- 08 82734 00 Aluminium working plate Ø12"
- 60 SL007 90 clamping (metal)ring for abrasive papers Ø 305mm (12")



### **Complementary accessories**

- 60 ML080 90 plate reducer for plate  $\varnothing$  200mm/203mm (8")
- 60 ML082 90 plate reducer for plate  $\varnothing$  230mm
- 60 ML081 90 plate reducer for plate  $\varnothing$  250mm/254mm (10")
- 60 ML098 90 Cover

### **Options (lapping)-require $\varnothing$ 300mm aluminium plate**

- 60 BM223 00 Aluminium adjustable conditioning ring roller bearing yoke assembly with angular setting



### **Complementary accessories for lapping option**

- 08 83012 00 Plastic conditioning ring inner  $\varnothing$  107mm
- 08 83062 10 Ceramic conditioning ring SPYLAP inner  $\varnothing$ 107mm
- 088350370 Stainless steel pressure weight, 1kg,  $\varnothing$ 107mm