

# SMARTLAM<sup>®</sup> 2.0

## The most versatile polishing machine

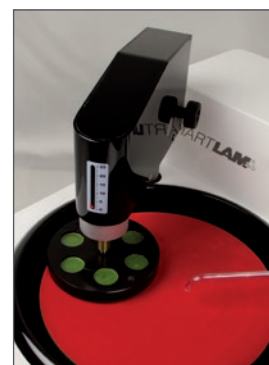
The SMARTLAM<sup>®</sup> 2.0 is a compact, single-plate polishing machine that gives you a wide range of possibilities both in manual and semi-automatic polishing. Ergonomic and easy-to-use, the SMARTLAM<sup>®</sup> 2.0 is entirely controlled by a colour touch screen equipped with an intuitive interface. The internal memory can store 9 programs that can be exported via the USB port.

The power of the bidirectional rotation, variable-speed, constant-torque motor and the possibility to use plates with a diameter from 200 to 300 mm are exclusive assets that will allow you to face up to all situations encountered in metallographic research polishing.

Upgrade the SMARTLAM<sup>®</sup> polishing machine with the SPRINGLAM<sup>®</sup> mechanical pressure head option, central-pressure sample holders and use of the M.M.909 M programmable dosing unit slaved to the machine, you will have a very efficient, semi-automatic polishing system.



Friendly interface with large touchpanel



With the SPRINGLAM<sup>®</sup> head use the SMARTLAM<sup>®</sup> as a semi-automatic polisher.



Cleaning has never been easier: spinning function, removable watering pipe, quick removable bowl.



M.M. 909 M

### ► Technical data

Plate capacity	Ø 200 – 300 mm
Body	Steel, coated with epoxy paint
Bowl	Removable resin basin for easy cleaning
Controls	3.5" colour touch screen to control the machine: start/stop, timer, speed and direction of plate, water solenoid valve
Plate rotation speed	Variable from 20 to 650 rpm
Rotation	Clockwise / counter-clockwise
Programming	Load 9 programs
Export	USB connection
Connection	Slave connector for dosing unit
Water inlet	Removable pipe with flow-rate adjustment and safety solenoid valve
Power max	0.75 kW
Voltage	230 V – 50 Hz single-phase
Dimensions L x H x D	450 x 300 x 650 mm
Weight	30 kg
Reference	60 SL200 00

### ► M.M.909 M dosing unit: technical data

Distribution system	Distribution of 3 different liquids via peristaltic pumps
Controls	Touch screen
Pumps	3 peristaltic pumps, with 1 outlet to drive an external pump
Electrical power supply	220 V single-phase – 50 Hz
Dosing machine communication	1 x 24 V input for machine servoing
Option	Replacement of a standard peristaltic pump by a high flow rate pump for high-viscosity products
Reference	08 00799 10

### ► Available accessories

Removable Ø 200 mm flat lapped aluminium plate	08 82701 00
Removable Ø 250 mm flat lapped aluminium plate	08 82703 00
Removable Ø 300 mm flat lapped aluminium plate	08 82704 00

### ► Options

#### SPRINGLAM<sup>®</sup> pressure head to use the SMARTLAM<sup>®</sup> as a semi-automatic polisher

Variable pressure thanks to the 0 - 250 N spring Attachment system for central sample-holder	60 SL222 00
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