

# / POLISHING

## SMARTLAM<sup>®</sup> 2.0

### The most versatile manual 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.

#### / Evolutive

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

#### / Technical Data

Plate Capacity	Ø 200 to 300 mm
Body	Steel, coated with epoxy paint
Bowl	Removable resin basin for easy cleaning
Controls	3,5" 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	Loads 9 programs
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 W x H x D	450 x 300 x 650 mm
Weight	30 kg
Reference	60 SL200 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 pressure sample-holder
Sample-holder Ø 119 mm 6 alveolus water drops for Ø 20 to 32 mm



Thanks to the pressure arm SPRINGLAM<sup>®</sup>, use your SMARTLAM<sup>®</sup> 2.0 as a semi-automatic polishing machine



Easy cleaning: spinning function, removable water input, easy tank removal



Autonomous dosing unit M.M. 909 M for SMARTLAM<sup>®</sup>

#### / M.M. 909 M dosing unit technical data

Distribution system	Distribution of 3 different liquids
Controls	Touch screen
Pumps	3 peristaltic pumps, with 1 outlet to drive an external pump
Electrical power supply	230 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