

POLISHING MACHINES



MADE IN FRANCE



Intuitive control interface
on a 3.5" colour touch screen



SMARTLAM[®] 2.0
The most versatile manual
polishing machine

SMARTLAM[®] 2.0

SMARTLAM[®] 2.0 is a polisher that offers you a wide range of possibilities for both manual and semi-automatic polishing, controlled entirely by a colour touch screen with an intuitive interface. The internal memory can store 9 programmes, which 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[®] 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.



Easy cleaning: spin function, removable water inlet.



909 M DOSING UNIT

M.M. 909 M dosing unit technical data

Distribution system	Distribution of 3 different liquids
Controls	Touch screen
Pumps	3 standard peristaltic pumps
Electrical power supply	230 v single-phase 50 Hz
Dosing / machine communication	1 x 24 V input for machine servoing
Reference	08 00799 10

Accessories

Paddle shaker for 500 cm ³ bottle	08 02816 00
High viscosity paddle shaker for 500 cm ³ bottle	08 02818 00

Technical data	SMARTLAM [®] 2.0
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

POLISHING MACHINES

SPRINGLAM[®]

Options: SPRINGLAM[®] pressure head to use the SMARTLAM[®] as a semi-automatic polisher

SPRINGLAM classic: 0 > 250 N	60 SL222 00
SPRINGLAM low pressure: 0 > 50 N	NEW 60 SL222 10
Attachment system for central pressure sample-holder	59 10110 91

UNIVERSAL SAMPLE-HOLDER MOULD 610

Universal sample-holder mould for SPRINGLAM[®]

The LAM PLAN universal sample-holder mould is a smart and economical system which combines the functions of both mounting mould and sample-holder for cold mounting processes using any kind of liquid resin.

The 610 sample holder can be used on both automatic and semi-automatic machines. It is directly compatible with the SMARTLAM[®] 2.0 fitted with the SPRINGLAM[®] pressure arm.



PC SAMPLE HOLDER AND LOADING STAGE

CP sample holder Ø 119 mm with 6 x Ø 20 to 32 mm water drop cells	065MC2000
CP sample holder Ø 160 mm with 6 x Ø 20 to 40 mm water drop cells	06MLC1000
CP sample holder Ø 160 mm with 6 x Ø 30 mm water drop cells	06MLC3000
CP sample holder Ø 160 mm with 6 x Ø 40 mm water drop cells	06MLC4000
CP sample holder Ø 160 mm with 5 x Ø 50 mm water drop cells	06MLC5000
CP sample holder Ø 160 mm with 3 x rectangular cells 40 x 70 mm	06MLC1200
CP sample holder Ø 160 mm with 6 x rectangular cells 25 x 34 mm	06MLC1400
Loading plate for PC sample holders Ø 119 mm - depth 3 mm	06MLP0200

LAPPING ARM FOR SMARTLAM[®] 2.0

Option: the lapping arm for SMARTLAM[®] 2.0 is an adaptable accessory for holding a lapping ring to prepare the surface of complex-shaped parts.

The system is compatible with rings with an internal diameter of 106 mm.

Lapping arm kit for SMARTLAM [®] 2.0	NEW	60 BM223 00
PVC lapping ring		08 83012 00

