

INNOVATION R Twin

The INNOVATION R TWIN is a computerized grinder polisher for preparation of metallographic samples based on completely automatic cycles managed by a microprocessor. The INNOVATION R TWIN polishers have two working stations and both a washing and drying station. Samples are clamped in a specimen holder, which is attached to the machine with a quick coupling system. The head moves the specimen holder from station to station, performing the preparation cycle following the selected program. Nozzles are connected to the head and they grant the chosen abrasive suspensions.

The running cycle can be interrupted and restarted at any time by pushing a stand-by key.

The working cycles can be programmed and stored inside with the machine switched off or even during the execution of a preparation cycle. The machine is equipped with a main power switch, an emergency stop push button and it complies with all CE standards. The work area is made in AISI 304 stainless steel.

Technical Specifications	Innovation 200 R Twin	Innovation 250 R Twin	Innovation 300 R Twin
Plate diameter (mm)	200	250	300
Speed (rpm)	0÷300		
Power (W)	650	700	910
Power supply	220V / 1-phase		
Weight (kg)	120	150	210
Dimensions (mm): W	880	960	1200
D	850	890	950
H	680	680	820



ROBOMET

COMPUTERIZED AUTOMATIC POLISHER WITH 6 WORKING STATIONS

ROBOMET is a computerized grinding-polishing machine designed for the preparation of metallographic samples with completely automatic cycles.

The Robomet is designed with the sample holder head surrounded by 5 working stations and one cleaning/drying station.

The samples are clamped in a specimen holder, which is attached to the machine with a quick coupling system in the automatic head. The head moves the specimen holder from station to station, performing the preparation cycle following the selected program. Nozzles for dispensing the abrasive suspension are located in the head and the grinding stone recirculating cooling unit tank is located inside the machine.

The operator is protected from the work area by a plexiglass hood equipped with a safety micro-switch.

ROBOMET carries out the metallographic sample preparation according to the selected method. Every preparation program can be composed by a maximum number of 100 steps, divided into groups of 4 steps at a time. For each step it is possible to set up every parameter of the preparation process.

The machine can store up to 60 different preparation methods in the CPU and it is also possible to record additional cycles on a removable smart card.

The running cycle can be interrupted and restarted at any time by pushing a stand-by key. The working methods can be programmed both while the machine is in process or off line. The machine is equipped with a main power switch, an emergency stop push button and it complies with all CE standards. The work area is made in AISI 304 stainless steel.

Technical Specifications	Robomet 200	Robomet 250
Plate diameter (mm)	200	250
Speed plate (rpm)	0÷300	
Speed grinding stone (rpm)	1400	
Power (W)	2500	
Power supply	380V / 3-phase	
Weight (kg)	350	400
Dimensions (mm): W	1270	
D	1100	
H	1500	