

CUTTING

MOUNTING

POLISHING

HARDNESS & MICROSCOPY



# MINITECH

250 SP1 | 250 DP1 | 250 DP2  
300 SP1 | 300 DP1 | 300 DP2

**POWERFUL. RELIABLE. EFFICIENT.**

The latest generation of manual  
polishing machines

BY PRESI



# innovate.

THE PRESI SIGNATURE. ALL AROUND THE WORLD.





# MINITECH, the latest generation of manual polishing machines

BY PRESI

## FREQUENCY INVERTER

« Inverter » technology which controls the three-phase motor :

- Gives exceptional power to the platen
- Ultra-precise speed variation
- Constant torque and speed whatever the applied load
- Progressive acceleration and immediate stop
- 2 directions of rotation
- Thermal security in case of prolonged overload

### Innovation.

Equipped with platens from Ø200 to 300 mm, the new range of MINITECH manual polishing machines has the most advanced technologies.

### Unrivaled motor power.

Thanks to a motor power from 750W to 1500W, the entire PRESI experience is condensed in this most complete range on the market.

### Reliability.

User-friendly, reliable and robust, MINITECH provides a simple answer to all needs.

### Robustness and character.

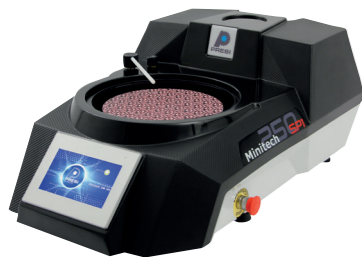
With its affirmed style and edged lines, this new range is distinguished by its new design with an easily recognizable sleek and refined carbon look.

Accessories 100% compatible with the older generation of MINITECH

## MINITECH range

### Platen diameters : 200 to 250 mm

#### MINITECH 250 SP1



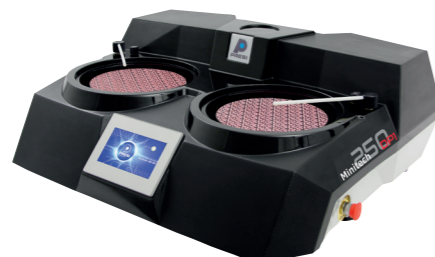
Ref. 66400

Width : 510 mm  
Depth : 810 mm  
Height : 330 mm  
Weight : 35 kg

Platen(s) : 1  
Motor(s) : 1  
Watering ramps(s) : 1  
Removable bowl(s) : 1

Compliance  
CE

#### MINITECH 250 DP1



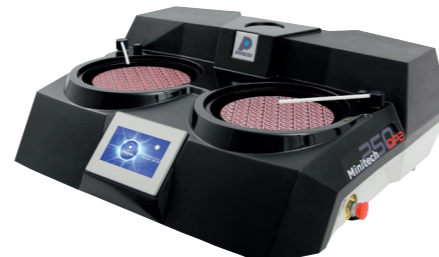
Ref. 66410

Width : 920 mm  
Depth : 735 mm  
Height : 330 mm  
Weight : 50 kg

Platen(s) : 2  
Motor(s) : 1  
Watering ramps(s) : 2  
Removable bowl(s) : 2

Compliance  
CE

#### MINITECH 250 DP2



Ref. 66420

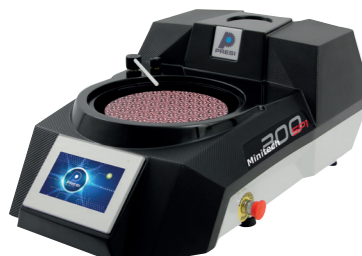
Width : 920 mm  
Depth : 735 mm  
Height : 330 mm  
Weight : 58 kg

Platen(s) : 2  
Motor(s) : 2  
Watering ramps(s) : 2  
Removable bowl(s) : 2

Compliance  
CE

### Platen diameters : 250 to 300 mm

#### MINITECH 300 SP1



Ref. 66430

Width : 620 mm  
Depth : 875 mm  
Height : 330 mm  
Weight : 42 kg

Platen(s) : 1  
Motor(s) : 1  
Watering ramps(s) : 1  
Removable bowl(s) : 1

Compliance  
CE

#### MINITECH 300 DP1



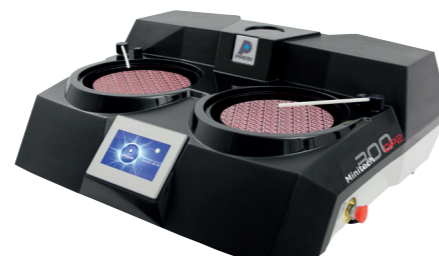
Ref. 66440

Width : 1100 mm  
Depth : 810 mm  
Height : 330 mm  
Weight : 60 kg

Platen(s) : 2  
Motor(s) : 1  
Watering ramps(s) : 2  
Removable bowl(s) : 2

Compliance  
CE

#### MINITECH 300 DP2



Ref. 66450

Width : 1100 mm  
Depth : 810 mm  
Height : 330 mm  
Weight : 70 kg

Nb plateau(x) : 2  
Motor(s) : 2  
Watering ramps(s) : 2  
Removable bowl(s) : 2

Compliance  
CE

### Easy maintenance

Removable over-bowl easy to clean. The tank incorporates an anti-splash device that prevents any projection.

### Durability

The body and the composite tank exclude any oxidation.

### Watering ramp

A multi-jet ramp with flow control cools the platen evenly and reduces water consumption.

### ENGINE POWER

The machines are equipped with powerful motors controlled by frequency inverter.

### Large touchscreen

- 7" TFT LCD color display, 16/9
- Ergonomic and intuitive user interface
- Many features:
  - Speed and direction of rotation
  - Sprinkling
  - Drying
  - Duration of the step (counting and countdown of time)

### Practical

- Memorization of 6 polishing programs
- A gauge displays in real time the pressure applied on the platen
- Parameters can be changed during the polishing cycle

### Emergency stop button

Convenient and quick access to the machine emergency stop button to immediately stop its operation.





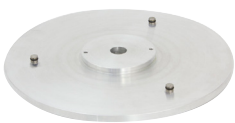



# TECHNICAL FEATURES

## Manual polishing machines MINITECH

Polishing machine model	250 SP1	250 DP1	250 DP2	300 SP1	300 DP1	300 DP2
Number of platens	1	2	2	1	2	2
Number of motors	1	1	2	1	1	2
Diameter of the polishing platen	200 to 250 mm	200 to 250 mm	200 to 250 mm	250 to 300 mm	250 to 300 mm	250 to 300 mm
Rotation speed (in increment of 1RPM)	20 to 700 RPM	20 to 700 RPM	20 to 700 RPM	20 to 700 RPM	20 to 700 RPM	20 to 700 RPM
Rotation direction : clockwise & counter-clockwise	✓	✓	✓	✓	✓	✓
Timer	✓	✓	✓	✓	✓	✓
Speed display	✓	✓	✓	✓	✓	✓
Time display in seconds	✓	✓	✓	✓	✓	✓
Display of applied force	✓	✓	✓	✓	✓	✓
Memorizing settings	✓	✓	✓	✓	✓	✓
Watering by multijet ramp	✓	✓	✓	✓	✓	✓
Motor power	750 W	750 W	2 x 750 W	1500 W	1500 W	2 x 1500 W
700 RPM spin function	✓	✓	✓	✓	✓	✓
High engine torque	✓	✓	✓	✓	✓	✓
Constant speed of the platen	✓	✓	✓	✓	✓	✓
Immediate stop of the platen	✓	✓	✓	✓	✓	✓
Bearing transmission	✓	✓	✓	✓	✓	✓
Over-bowl	✓	✓	✓	✓	✓	✓
Progressive acceleration of the platen	✓	✓	✓	✓	✓	✓
Splash guard	✓	✓	✓	✓	✓	✓
Power supply*	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC
Frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Max. current	8 A	8 A	8 A	8 A	8 A	8 A
Water inlet	Ø 12 mm	Ø 12 mm	Ø 12 mm	Ø 12 mm	Ø 12 mm	Ø 12 mm
Water outlet	Ø 32 mm	Ø 32 mm	Ø 32 mm	Ø 32 mm	Ø 32 mm	Ø 32 mm

\* possibility 110 VAC : 50 - 60 Hz

## MINITECH accessories

Drive platen with aluminium positioners	Almagtech platen	Circular paper holder (metal)	Circular paper holder (PVC)
			
Ø 196 mm. Ref. 56350	Ø 200 mm. Ref. 67822	Ø 200 mm. Ref. 56054	Ø 200 mm. Ref. 56067
Ø 245 mm. Ref. 67221	Ø 250 mm. Ref. 67820	Ø 250 mm. Ref. 56055	Ø 250 mm. Ref. 56058
	Ø 300 mm. Ref. 67821		Ø 300 mm. Ref. 56069

PVC platen with cone housing	Full PVC platen with machined cone	PVC lid
		
Ø 230 mm. Ref. 56066	Ø 200 mm. Ref. 56053	Ø 250 mm. Ref. 66050
Ø 250 mm. Ref. 56062	Ø 250 mm. Ref. 56063	Ø 300 mm. Ref. 66025
Ø 300 mm. Ref. 57163	Ø 300 mm. Ref. 56064	



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