

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)                                                                     |
|  |              |  |            |
| <div>Ø 196 mm. Ref. 56350</div> <div>Ø 245 mm. Ref. 67221</div>                     | <div>Ø 200 mm. Ref. 67822</div> <div>Ø 250 mm. Ref. 67820</div> <div>Ø 300 mm. Ref. 67821</div> | <div>Ø 200 mm. Ref. 56054</div> <div>Ø 250 mm. Ref. 56055</div>                     | <div>Ø 200 mm. Ref. 56067</div> <div>Ø 250 mm. Ref. 56058</div> <div>Ø 300 mm. Ref. 56069</div> |

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

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



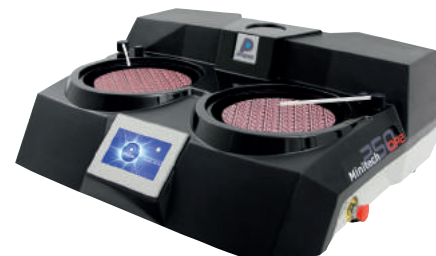
Ref. 66410

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



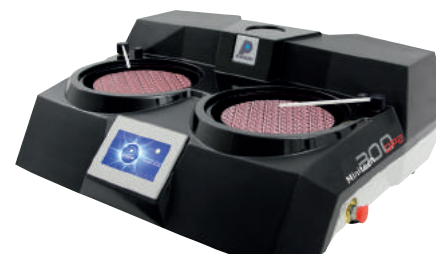
Ref. 66440

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

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#### 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

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### 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.

