



MP01

MICRO-DRILL



**MANUFACTURER OF SPECIAL PURPOSE MACHINE
SINCE 50 YEARS**

HIGH-PRECISION MECHANICS • REPAIR • WATCHMAKING TOOLS

www.missimi-berney.ch

MP01

MICRO-DRILL

Precision micro-drilling and tapping machine dedicated to the watch and microtechnical fields

TECHNICAL FEATURES

- Rotation speed in drilling mode from 120 to 6000 r/min
- Rotation speed in tapping mode from 120 to 300 r/min
- Speeds selectable by function key
- Working stroke of 20 mm spindle
- Depth adjustable stop with an accuracy of 0.01 mm
- Programmable tapping depth
- Memorable blowing time for each working mode
- Silent spindle drive by servo motor DC 120 W
- Automatic low oil consumption spindle lubrication and pressurization
- Binocular magnification 20 X

CONCEPTION

- Spindle P6 with pressure and lubricated plain bearings
- Height adjustable work table
- High efficiency LED lighting
- Adjustable binocular assembly
- Control of the clamping part with control on the handle
- Foot-operated blow gun
- Ergonomic and adjustable armrests
- 4-inch touch screen with function keys
- Built-in electrical cabinet
- Brushless motor
- Service tools

OPTIONAL FEATURES

- TABLE ADJUSTMENT
- WORK ACCORDING TO CUSTOMER REQUIREMENTS (PUCKS, CROSS TABLE,..)
- PRECISION ANGULAR SENSOR TAPPING FUNCTION

MACHINE SPECIFICATIONS

Length : 650 mm
Width : 750 mm
Height : 450v mm
Weight : 30 kg
Single phase 230 V, 50 Hz, 0.2 kVa
Standard colour :
Light Grey RAL 7035

