

**DC OUTPUT (max 5000W) : 0 - 330 Amps**  
**0 - 1500 Volts**



U I P OVP OT USB RS232 LAN IEEE CAN Profibus

## Presentation :

- Specifications:
  - 19 inch rack or cabinet
  - Height : 3U
  - Depth: 380 mm
- Minimum volume and weight for maximum capacity
- Switched mode technology
- Voltage and current controlled by PWM (Pulse Width Modulation)
- On request : programmable voltage/current: 0-10 V, isolated to 1500 Vrms
- Over-voltage protection (OVP) / Over-temperature protection (OTP)
- Touch interface

**Power : MX 5000W**  
**Weight : 15 Kg**

Volts	Amps
0 - 15	0 - 330
0 - 30	0 - 160
0 - 50	0 - 100
0 - 75	0 - 66
0 - 100	0 - 50
0 - 150	0 - 33
0 - 180	0 - 27
0 - 250	0 - 20
0 - 350	0 - 14
0 - 750	0 - 6
0 - 1200	0 - 4
0 - 1500	0 - 3

# Stabilized laboratory power-supply TACTILE MICROLAB DC MX 5000W

## Descriptions :

- . Polycarbonate front panel
- . Two modes of operation: constant current (CC) and constant voltage (CV) indicated by two LEDs
- . Power output activated by pressing 'OUT'
- . Power input by standardised pluggable connector
- . Power outputs on insulated terminals or screw terminal block

**Power : MX 5000W**  
**Weight : 15 Kg**

### AC Input

Voltage	400 Vac Triphase
Frequency	47 / 63 Hz
Power factor	> 0,95

### DC Output

Power	5000 W
Voltage	0 to 1500 V
Current	0 to 330 A
Mode of operation	CV-CC
Residual ripple	< 0,5% of the normal gauge
Accuracy ( voltage and current )	< 0,2% of the normal gauge
Stability	< 0,2% of the normal gauge
Linearity	< 0,2% of the normal gauge
Distortion	< 0,5%

### Environment

Temperature	0 to +40°C ( 55°C derating )
Relative Humidity	85% without condensation
Cooling	Controlled air cooling
Dielectric Rigidity	1500 Vrms

## Customisation :

### Digital control:

- 2-wire RS 485 / Ethernet / Wifi
- Profibus DP
- Standard : Schneider/ Siemens/Wago/Phoenix...

### Analog control:

- U and I Inputs/Outputs
- 0-10V or 4-20 mA isolated 1500 Vrms

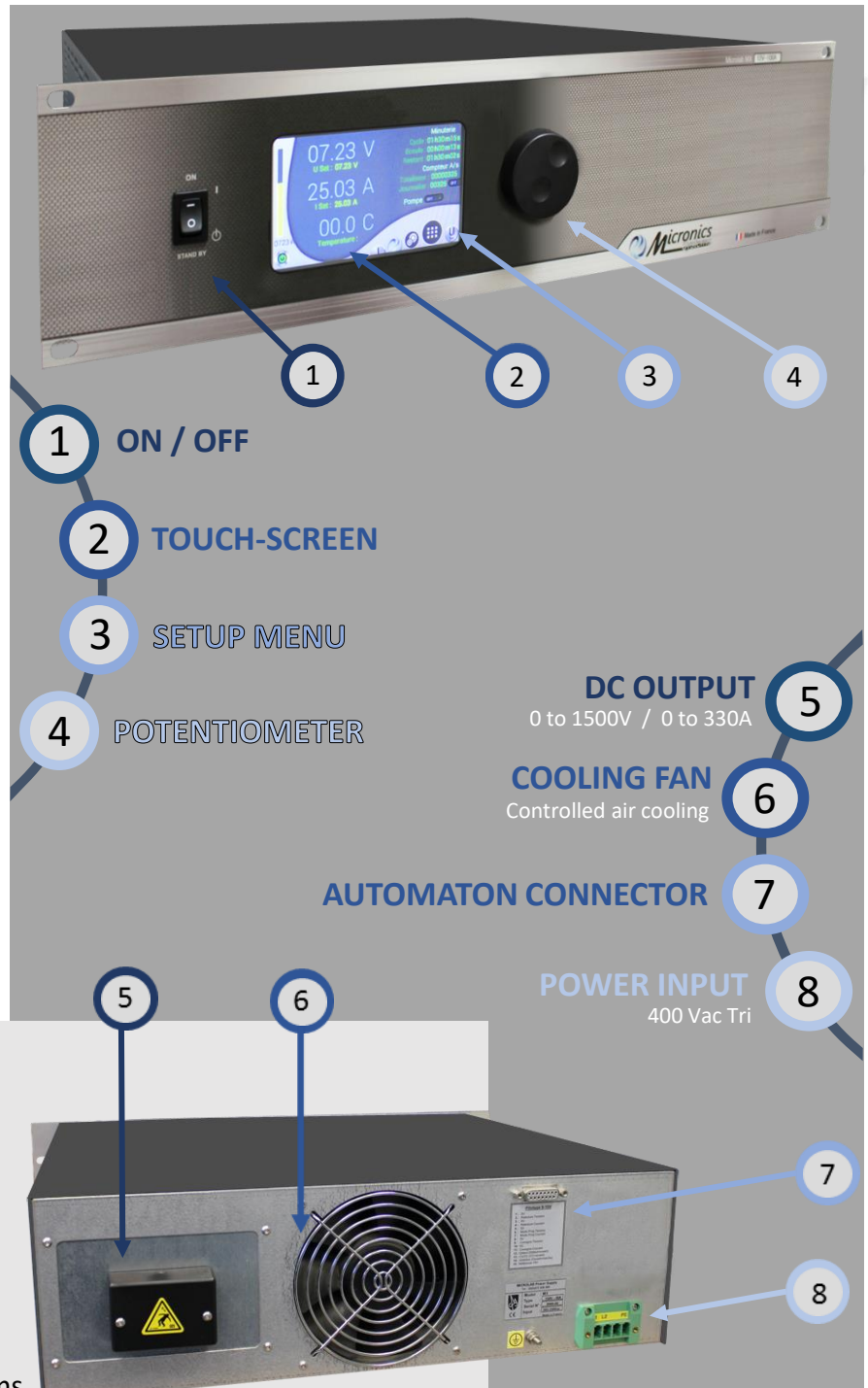
### Polarity Inverter

### A-h T.J.P Counter

### Tension or Intensity Ramp

### Timer

### 15-pin D-Sub connector for remote programming



Non-binding document, may be amended without notice.  
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