Stabilized laboratory power-supply

TACTILE MICROLAB DC MX 3000W

MICRONX
Fabricant d'Energie Positive

DC OUTPUT (max 3000W) : 0 - 200 Amps
0 - 1500 Volts

U I P OVP OT USB RS232 LAN IEEE CAN Profibus

Presentation :

- Specifications:
  - 19 inch rack or cabinet
  - Height : 2U
  - 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 3000W Weight : 9 Kg	
Volts	Amps
0 – 15	0 - 200
0 – 30	0 - 100
0 – 50	0 - 60
0 – 75	0 - 40
0 – 100	0 - 30
0 – 150	0 - 20
0 – 180	0 - 16
0 – 250	0 - 12
0 – 350	0 - 8
0 – 750	0 - 4
0 – 1200	0 – 2,4
0 - 1500	0 – 2

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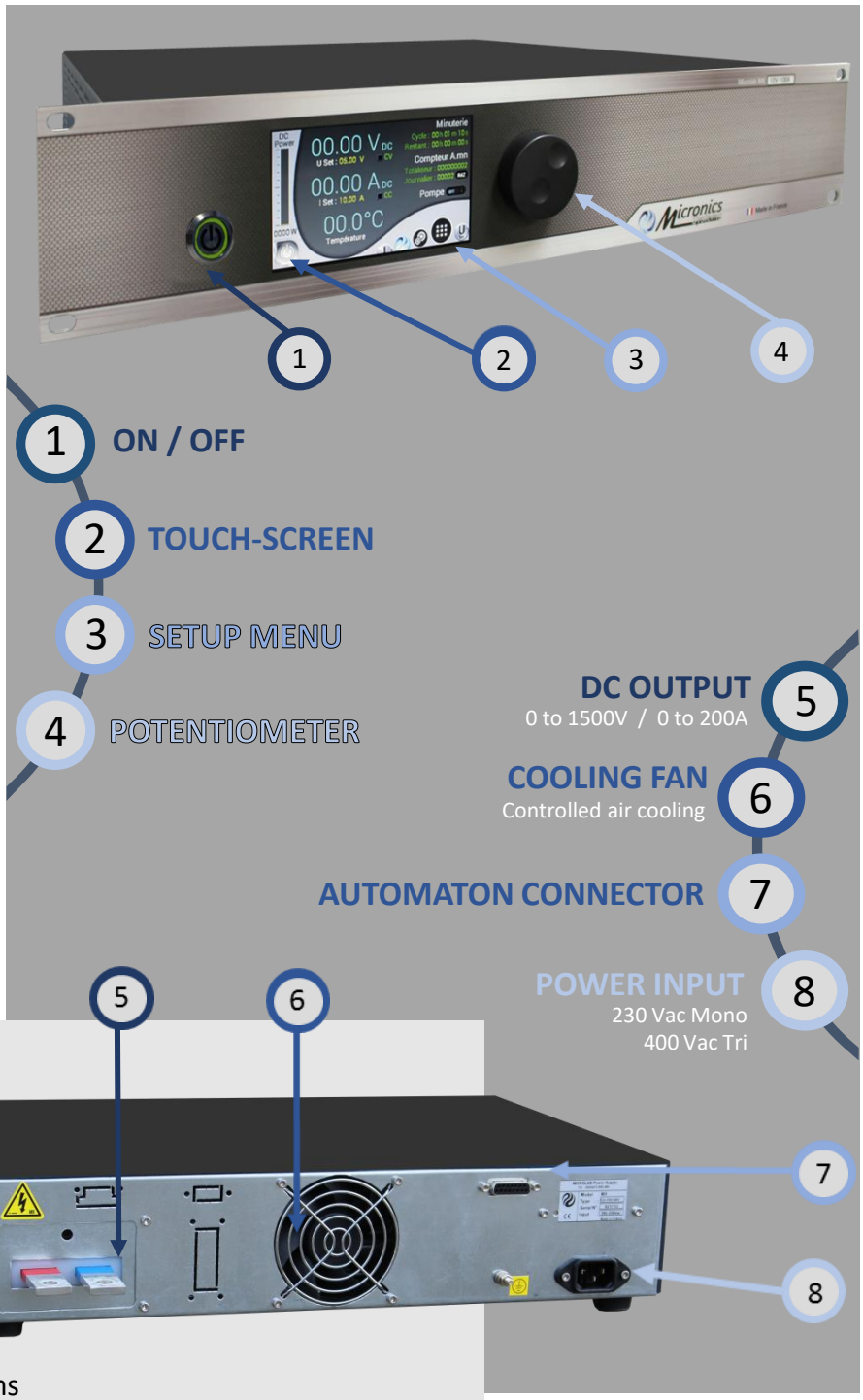
Descriptions :
. Polycarbonate front panel
. Two modes of operation: constant current (CC) and constant voltage (CV) indicated by two LEDs
. Power output activated by pressing 'OUT'
. Power input by standardised pluggable connector
. Power outputs on insulated terminals or screw terminal block

Power : MX 3000W
Weight : 9 Kg

AC Input	
Voltage	230 Vac Mono + 10% -15% Or 400 Vac Tri
Frequency	47 / 63 Hz
Power factor	> 0,95

DC Output	
Power	3000 W
Voltage	0 to 1500 V
Current	0 to 200 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.
Ref: 140217 / Tactile MX 3000W

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