

TS580D-MM

Micro-Meter Mix Controller Data Sheet



TECHCON™



Micro-Meter Mix Controller TS580D

The TS580D is a Smart Micro-Meter Mix controller capable of controlling Techcon TS8200D Series Micro-Meter Mix. With a universal power supply, it is a fully 'plug and play' system and can be used immediately, anywhere in the world.

The TS580D-MM features an intuitive touch screen interface for easy setup and operation. Dispensing parameters can be precisely setup directly on the touch screen or remotely through the internet connection.

First in its class, the TS580D-MM is equipped with an internet port to allow users to monitor and make precise parameter adjustments remotely. This feature enables the unit to fit into Smart Factories that require Industry 4.0. Additional advanced features include digital timers to provide accurate and repeatable dispense times.

The user-friendly firmware provides the option of programming up to 50 varied, sequenced, or individual recipes. The controller has a user programmable "Purge" and "Time" cycle settings, and a "Teach Mode" for determining proper dispensing time.

Integration into semi-automatic and automatic machinery is made easy with the I/O interface connector. Through use of the interface port, the cycle can be initiated, stopped, and an end-of-cycle signal can be fed back to the host machine in order to start the next cycle. A low-pressure warning feature is also included to help maintain uninterrupted operation.

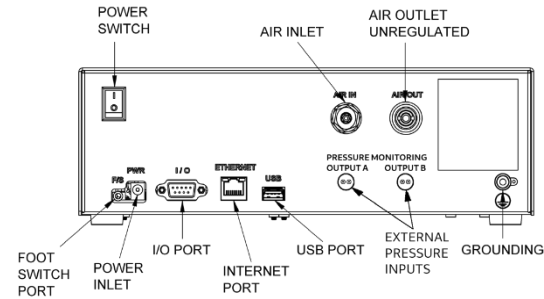
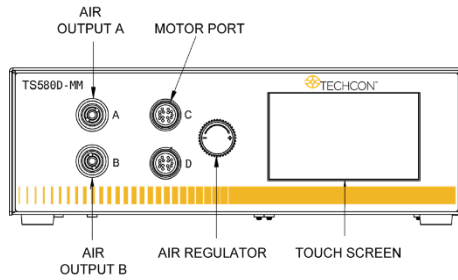


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SPECIFICATIONS	
Size	290 mm x 212 mm x 98 mm (11.4" x 8.3" x 3.9")
Weight	2.8 kg (6.17 lbs)
Input Voltage	24 VDC
Output Voltage Range	0-24 VDC
Rated Power	15 W
Air Input	100 psi (6.9 bar) Max.
Air Output	0-99.9 psi (6.9 bar)
Pollution Degree	II
Installation Category	I
Indoor Use	Altitude up to 2,000 m (6,562 ft)
Operating Temperature	0 °C to 50 °C (32 °F to 122 °F)
Storage Temperature	-10 °C to 60 °C (14 °F to 140 °F)
Max. Relative Humidity	80% for temperature up to 31 °C (87.8 °F) Decreasing linearly to 50% relative humidity at 40 °C (104 °F)
Timer	0.008-99.99 seconds
Cycle Mode	Timed, By-Weight, By-Volume, Interrupt, Teach, Purge
Timing Repeat Tolerance	+/- 0.001%
Cycle Rate	Up to 600 cycles/min
Display	Touch Screen, Resistive
Meets or exceeds	CE, TUV and NRTL

Key Features & Benefits

- Touch screen interface for easy setup and operation
- Industry 4.0 for “Smart Factory” integration
- Universal power supply for worldwide use
- Digital timing control for repeatable output

Typical Applications

- Bonding
- Glob-Top Potting and Encapsulation
- Potting of Electronic Components
- Battery Pack Sealing
- Thermal Paste Dispensing
- Filling

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