



Smart PC Pump Controller TS588R

The TS588R is a Smart PC Pump controller capable of controlling Techcon TS8100 series PC Pump. With a universal power supply, it is a fully 'plug and play' system and can be used immediately, anywhere in the world.

The TS588R 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.

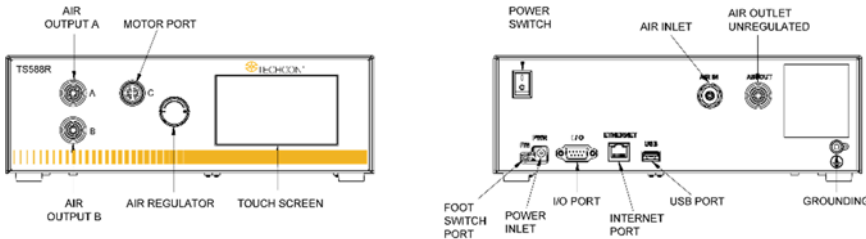
First in its class, the TS588R is equipped with internet port to allow users to monitor and make precise parameter adjustment remotely. This feature enables the unit to fit in Smart factory that requires Industry 4.0.

Additional advanced features include digital timer to provide accurate and repeatable dispense time

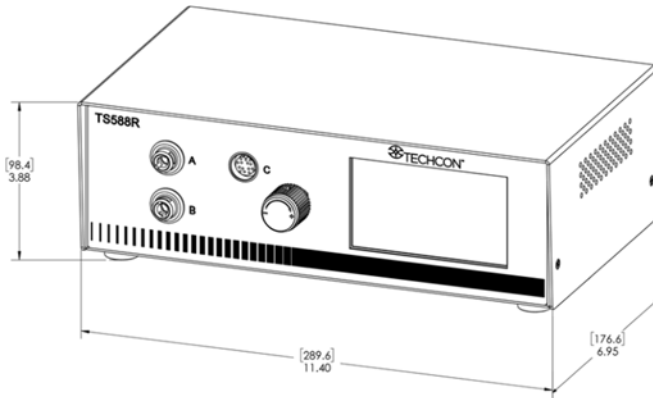
The user-friendly firmware provides an option of programming up to 50 varied, sequenced or individual recipes. The controller has a user programmable "purge", "time" cycle settings and a "Teach Mode" for determining the dispensing time.

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.

IDENTIFICATION OF FEATURES



SPECIFICATIONS & PART NUMBERS



| | |
|-------------------|--------------------------------|
| Part Number: | TS588R |
| Size (Imperial): | 11.4" W x 8.3" L x 3.9" H |
| Size (Metric): | 290mm x 211mm x 99mm |
| Weight: | 6.17 lb (2880g) |
| Pressure Range: | 0 to 100psi (0-6.9 bar) |
| Display: | Touch Screen |
| Timing Tolerance: | +/- 0.001% |
| Input Voltage: | 100 – 240 VAC |
| Cycle Rate: | 900/min. |
| Cycle Modes: | Timed, Interrupt, Teach, Purge |
| Connectivity: | Ethernet |
| Certification: | CE, TUV-GS |

The controller is shipped with the following items:

- Universal power supply
- Foot switch
- Air house
- Air filter

ACCESSORIES

- Fluid reservoirs: The controller can be used in combination with the TS1254 or TS1258 Pressure Tank
- Dispensing Tips: Suitable for use with all tip series. For the complete dispensing tip offering please visit www.techcon.com

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

Control PC Pump for:

- Under filling PCBA components
- Encapsulation and Potting applications
- Applying lubrication on automotive parts
- Dispensing Pastes and Flux

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