



Smart Pneumatic Valves Controller TS555R

The TS555R is a Smart controller capable of controlling all Techcon pneumatic valve series including: TS1212 pinch tube valve, TS941/TS5322 Spool valve, TS5420/TS5440 Needle valve and TS5620/TS5622 Diaphragm valve. With a universal power supply, it is a fully 'plug and play' system and can be used immediately, anywhere in the world.

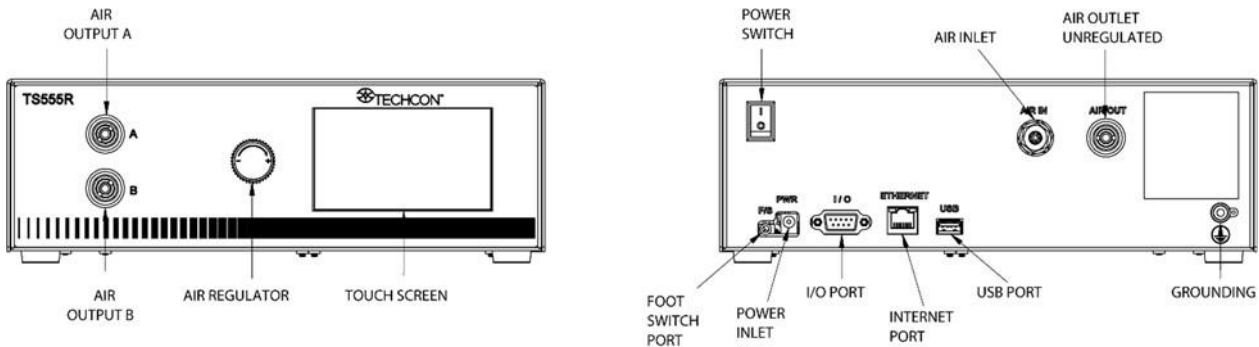
The TS555R Smart valve controller features an intuitive touch screen interface for easy setup and operation. Dispensing parameters can be precisely setup directly on the touch screen or remotely through the internet connection.

First in its class, the TS555R is equipped with an 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.

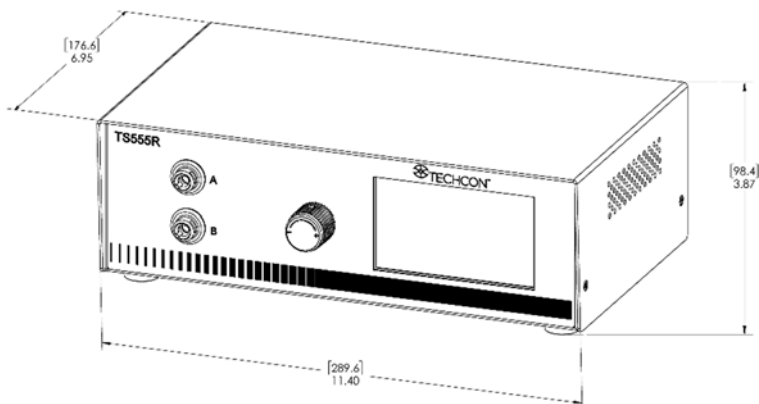
The user-friendly firmware provides an option of programming up to 50 varied, sequenced or individual shots. These systems have a user programmable "purge", "timed" dispense cycle settings and a "Teach Mode" for determining the dispensing time.

Integration into semi-automatic and automatic machinery is made easy with the I/O interface connector. Through use of the interface port, the dispense 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 dispense cycle. A low-pressure warning feature is also included to help maintain uninterrupted dispensing.

IDENTIFICATION OF FEATURES



SPECIFICATIONS & PART NUMBERS



Part Number:	TS555R
Size (Imperial):	11.4' W x 8.3" L x 3.9" H
Size (Metric):	290mm x 211mm x 99mm
Weight:	6.4 lb (2900g)
Pressure Range:	0 to 100psi (0-6.9 bar)
Display:	Touch Screen
Timing Range:	0.008 – 99.9 seconds
Timing Tolerance:	+/- 0.001%
Input Voltage:	100 – 240 VAC
Cycle Rate:	900/min.
Cycle Modes:	Timed, Interrupt, Teach, Purge
Connectivity:	Ethernet, WIFI
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 valve and 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 techcon.com
- Replacement power supply assembly & Ferrite core: Part Number 7508-9080

Key Features and Benefits

- Touch Screen interface for easy setup and operation
- Industry 4.0 for “Smart Factory” integration
- Universal power supply for worldwide use

Typical Applications

- Control Diaphragm for bonding application
- Control Mini Spool valve for form-in-place gasket
- Control Needle valve for precision filling process

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