

# Smart Auger Valves Controller TS577R

The TS577R is a Smart Auger valve controller capable of controlling all Techcon TS5000 and TS7000 series auger valve. With a universal power supply, it is a fully 'plug and play' system and can be used immediately, anywhere in the world.

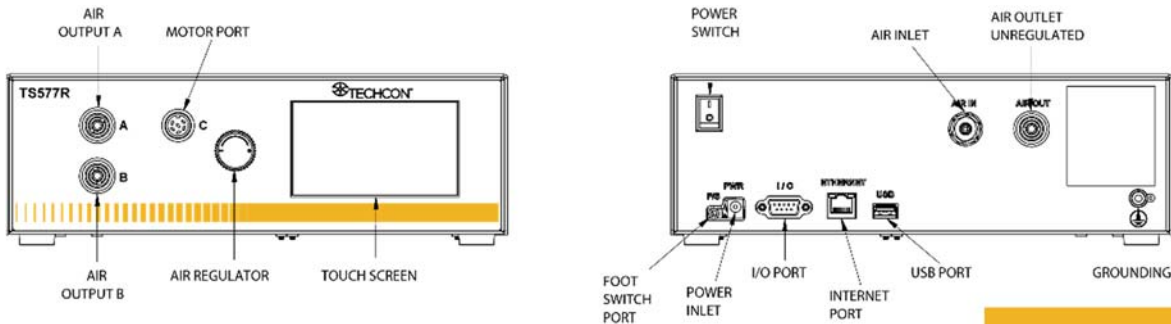
The TS577R features an intuitive touch screen interface for easy setup and operation. Dispensing parameters can be precisely setup directly on the touch screen or remotely through the internet connection.

First in its class, the TS577R 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.

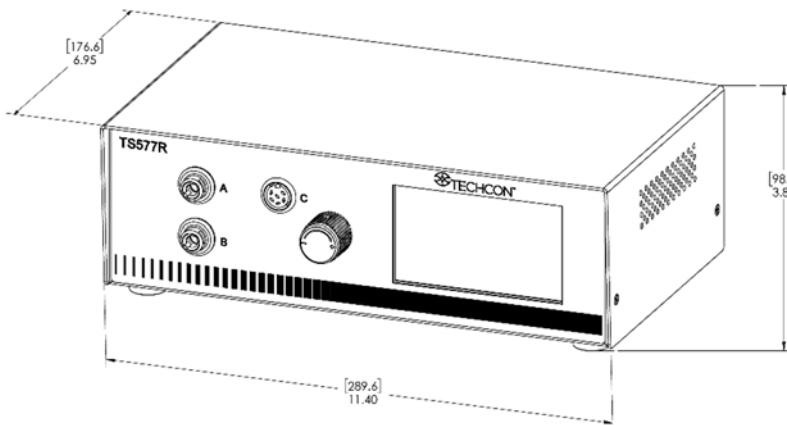
The user-friendly firmware provides an option of programming up to 50 varied, sequenced or individual. These systems have a user programmable "purge", "time" cycle settings and a "Teach Mode" for determining the dispensing time.

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:      | <b>TS577R</b>                  |
| Size (Imperial):  | 11.4" W x 8.3" L x 3.9" H      |
| Size (Metric):    | 290mm x 211mm x 99mm           |
| Weight:           | 6.6 lb (2980g)                 |
| 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 [www.techcon.com](http://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 Rotary valves for:

- Soldering paste dispensing
- Encapsulation and Potting applications
- Dispense UV adhesives

## For Sales & Support

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