



® Knowledge
Beyond
Measure.



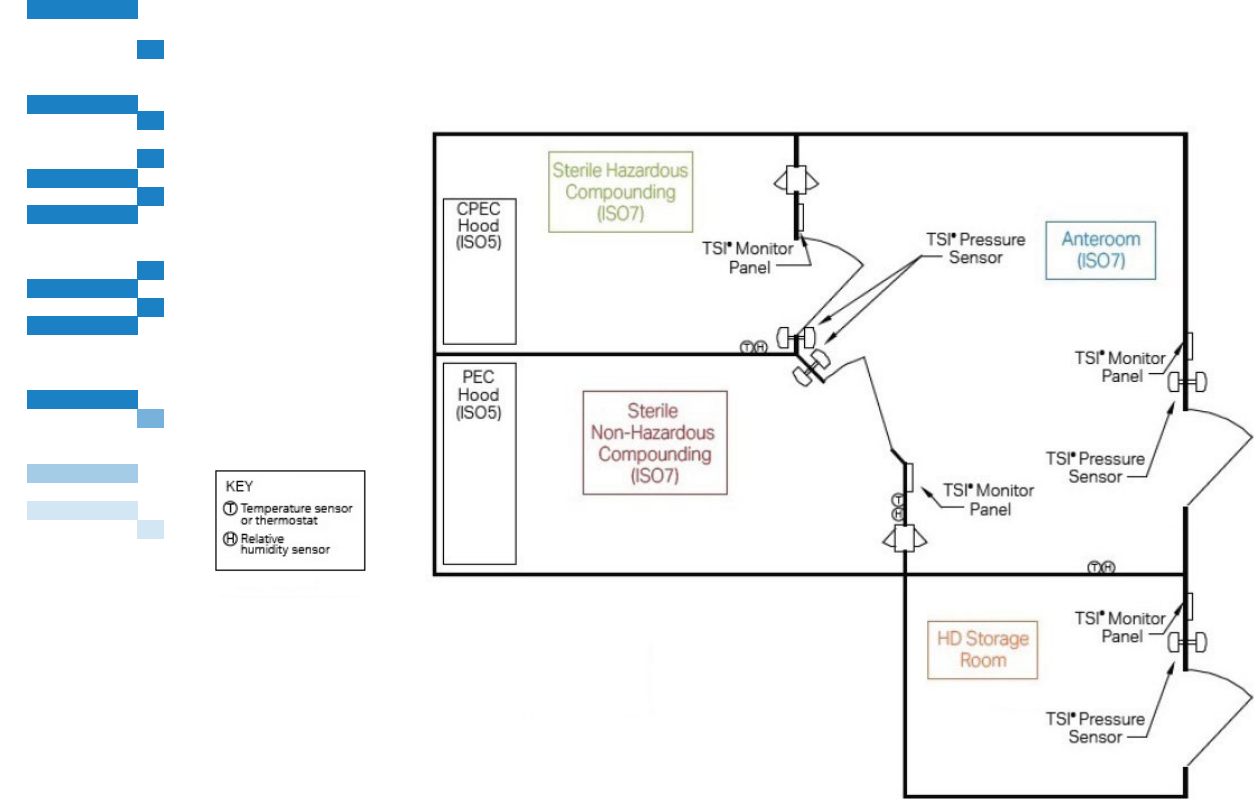
Are You
Ready for USP
<797/800>?
TSI® Has You
Covered.

Safety | Measurement | Compliance



TSI®: Industry-Leading Instruments That Get You USP <797/800> Ready

- Low maintenance via accurate and stable room pressure differential
- Reduced training by way of intuitive displays
- Cuts startup and operating costs with a low pressure design



We've Got You Covered

Requirement	Sterile Non-Hazardous Compounding Room	Sterile Hazardous Compounding Room	Anteroom	Hazardous Drug (HD) Storage Room
<p>Monitoring USP 797/800 Pharmacies Measure and alarm:</p> <ul style="list-style-type: none"> ▪ Room pressure ▪ Temperature ▪ Humidity 	<p>Sequence of Operations Constant volume supply and exhaust maintain room pressure differential of $\geq +0.02$ in W.C. with respect to Anteroom. Room monitor measures and alarms on room pressure differential, supply flow (ACH), temperature and relative humidity.</p> <hr/> <p>TSI® Bill of Materials (1) PresSura™ RPM20 Room Pressure Monitor (1) Model 801924 Temperature and Humidity Sensor</p>	<p>Sequence of Operations Constant volume supply and exhaust maintain room pressure differential of -0.01 to -0.03 in W.C. with respect to Anteroom. Room monitor measures and alarms on room pressure differential, supply flow (ACH), temperature and relative humidity.</p> <hr/> <p>TSI Bill of Materials (1) PresSura RPM20 Room Pressure Monitor (1) Model 801924 Temperature and Humidity Sensor</p>	<p>Sequence of Operations Constant volume supply and exhaust maintain room pressure differential of $\geq +0.02$ in W.C. with respect to corridor. Room monitor measures and alarms on room pressure differential, supply flow (ACH), temperature and relative humidity.</p> <hr/> <p>TSI Bill of Materials (1) PresSura™ RPM20 Room Pressure Monitor (1) Model 801924 Temperature and Humidity Sensor</p>	<p>Sequence of Operations Constant volume supply and exhaust maintain room pressure differential of -0.01 to -0.03 to any adjoining room. Room monitor measures and alarms on room pressure differential and supply flow (ACH).</p> <hr/> <p>TSI Bill of Materials (1) PresSura RPM20 Room Pressure Monitor</p>
<p>Controlling USP 797/800 Pharmacies Control:</p> <ul style="list-style-type: none"> ▪ Ventilation (ACH) / supply flow ▪ Room pressure differential by adjusting exhaust flow ▪ Room temperature <p>Measure and alarm:</p> <ul style="list-style-type: none"> ▪ Room pressure ▪ Ventilation (ACH) ▪ Temperature ▪ Humidity 	<p>Sequence of Operations Room controller modulates supply to maintain constant flow, exhaust to maintain room pressure differential of $+0.02$ in W.C. and heat to maintain temperature. Room controller measures and alarms on room pressure differential, supply flow (ACH), temperature and relative humidity.</p> <hr/> <p>TSI® Bill of Materials (1) PresSura™ RPC30 Room Pressure Controller (1) Model 801925 Temperature and Humidity Sensor (1) TF-Series Thermal Flowstation (2) Model 800380 High-Speed Electric Actuator</p>	<p>Sequence of Operations Room controller modulates supply to maintain constant flow, exhaust to maintain room pressure differential of 0.03 in W.C. and heat to maintain temperature. Room controller measures and alarms on room pressure differential, supply flow (ACH), temperature and relative humidity.</p> <hr/> <p>TSI Bill of Materials (1) PresSura RPC30 Room Pressure Controller (1) Model 801925 Temperature and Humidity Sensor (1) TF-Series Thermal Flowstation (2) Model 800380 High-Speed Electric Actuator</p>	<p>Sequence of Operations Room controller modulates supply to maintain constant flow, exhaust to maintain room pressure differential of $+0.02$ in W.C. and heat to maintain temperature. Room controller measures and alarms on room pressure differential, supply flow (ACH), temperature and relative humidity.</p> <hr/> <p>TSI Bill of Materials (1) PresSura RPC30 Room Pressure Controller (1) Model 801925 Temperature and Humidity Sensor (1) TF-Series Thermal Flowstation (2) Model 800380 High-Speed Electric Actuator</p>	<p>Sequence of Operations Room controller modulates supply to maintain constant flow of 12 ACH, room pressure of -0.01 to -0.03 WC. Room controller measures and alarms on room pressure differential and supply flow (ACH).</p> <hr/> <p>TSI Bill of Materials (1) PresSura RPC30 Room Pressure Controller (1) TF-Series Thermal Flowstation (2) Model 800380 High-Speed Electric Actuator</p>

Monitoring 503(b) Outsourcing Facilities?
We Can Do This Too!

TSI® instruments comply with FDA GMPs for monitoring systems.

Be USP <797/800> Compliant Trust Your Measurements

Compounding pharmacies must be certified to meet particle concentration limits every 6 months. But do you know what's happening 3 minutes, 3 days, or 3 months after your measurement? Simplify this process to ensure compliance using TSI real-time particle counting instruments—used in FDA-validated pharmaceutical cleanrooms as well as other ultra-pure cleanrooms.

AeroTrak™ Handheld Particle Counters 9306

For periodic monitoring of particle levels in anterooms, hazardous compounding, and sterile compounding rooms.



PresSura™ Room Pressure Monitors and Controller

For continuous monitoring of room pressure differential employing through-the-wall sensor technology.



Find out more
tsi.com/compounding-pharmacies



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