

## ULTRA-LOGIC™

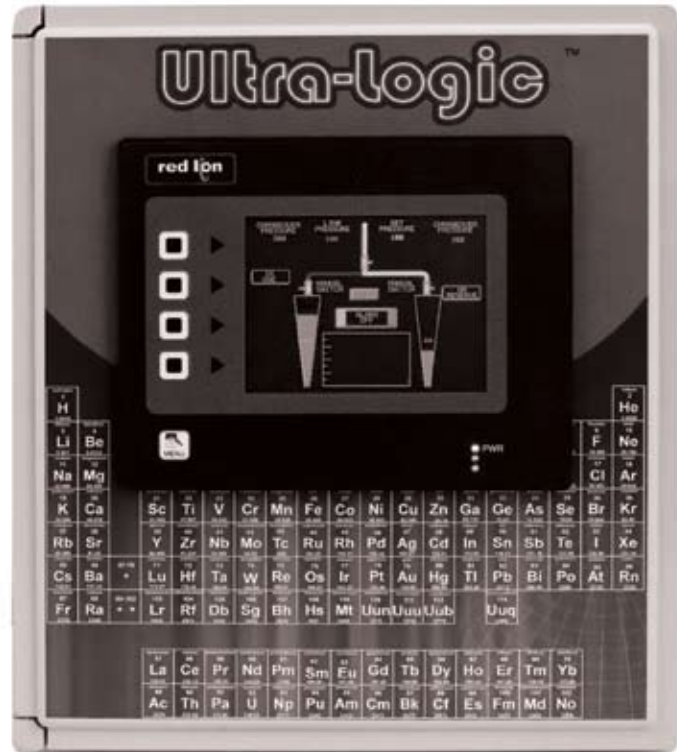
advanced fully automatic electronic touch screen  
changeover manifold - Series 919TS

### Description

The 919 Series Ultra-Logic changeover manifold is an advanced version of the AUTO-LOGIC II and provides the user with simple, intuitive operation via a color touch screen. Users can switch from high pressure cylinders on both sides, low pressure cryogenic containers on one side and high pressure cylinders on the other side, or cryogenic containers on both sides with just a few screen touches. Once you have set the operating parameters, you need only change cylinders as necessary. There is no need to make pressure adjustments or flip a knob after system has switched from one side to the other. Just replace the empty cylinders and open the valves. The system is now set to change in the opposite direction.

The additional Ultra-Logic capabilities provide customers with a changeover system that suits their current operation and future expanded requirements without having to buy another system.

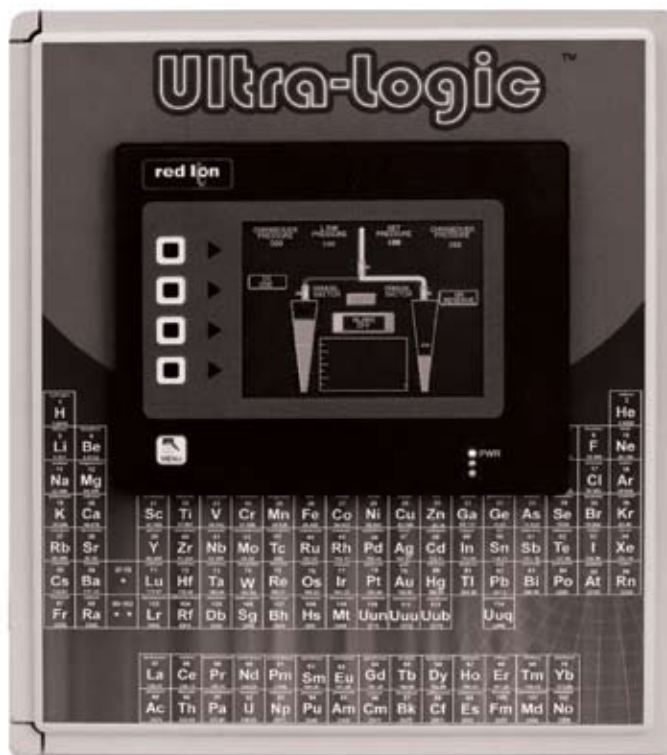
The 919 TS is available with either brass or stainless steel high purity gas components. It has digital pressure readouts for inlet pressures and outlet delivery pressure, built-in alarms, and dry contacts to operate external equipment, such as remote alarms or an auto-dialer. Entire system is housed in a NEMA 4X box.



Features	Specifications
<ul style="list-style-type: none"> <li>• <b>Can be controlled via network</b></li> <li>• <b>Provides full data logging capability for all functions to aid in 21CFR11 compliance</b></li> <li>• <b>Operating parameters are password protected for multiple users</b></li> <li>• <b>919TSP provides automatic purging to ensure gas purity on cylinder change outs</b></li> </ul> <p><i>Plus these features, also available with the Auto-Logic® II</i></p> <ul style="list-style-type: none"> <li>• <i>Fully automatic, simple, hassle free operation via a large color touch screen</i></li> <li>• <i>Constant digital and graphic gas supplies on both sides</i></li> <li>• <i>Delivery pressure monitor displays any unusual variances</i></li> <li>• <i>High and low adjustable delivery pressure alarm settings</i></li> <li>• <i>Designed for high purity gas service</i></li> <li>• <i>May be used with any type gas source</i></li> <li>• <i>“Leak-Check” monitoring alerts the user to low reserve side pressure of either high pressure or cryogenic containers while in standby via audible and visual alarms</i></li> <li>• <i>“Gas-Check” feature ensures efficient use of gas supplies when cryogenic containers are in service</i></li> <li>• <i>Built-in audio and visual alarm</i></li> <li>• <i>External dry contacts provided to activate optional equipment or remote alarms</i></li> <li>• <i>System housed in NEMA 4X box</i></li> <li>• <i>Available in either brass or stainless steel construction</i></li> </ul>	<p><i>Max Inlet Pressure</i> 3000 psig</p> <p><i>Power required</i> 120 VAC/60Hz</p> <p><i>Inlet and Outlet Connections</i> 1/4" NPT female</p>

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**Ordering Information and Configuration Options**

Model	Description	Delivery Pressure
919TS-1-200	brass electronic high purity changeover manifold	25-200 psig
919TSP-1-200	brass electronic high purity changeover manifold with automatic purging	25-200 psig
919TS-2-200	stainless steel electronic high purity changeover manifold	25-200 psig
919TSP-2-200	stainless steel electronic high purity changeover manifold with automatic purging	25-200 psig
Options		
912-AVA audio/visual alarm module for remote alarm AVD-45B auto dialer		
Pigtails for 919TS Changeover Manifolds (2 per set)		
For Brass Manifolds		
919-FPB601-Y-CGA*	two flexible Teflon lined stainless steel braided pigtails with brass fittings and no check valves	
919-FPB601-Y-CV-CGA*	two flexible Teflon lined stainless steel braided pigtails with brass fittings and check valves	
919-FPB604-Y-CGA*	two flexible all stainless steel braided pigtails with brass fittings and no check valves	
919-FPB604-Y-CV-CGA*	two flexible all stainless steel braided pigtails with brass fittings and check valves	
For Stainless Steel Manifolds		
919-FP604-Y-CGA*	two flexible all stainless steel braided pigtails without check valves	
919-FP604-Y-CV-CGA*	two flexible all stainless steel braided pigtails with check valves	

\* Specify CGA connection when ordering  
Y = pigtail length in feet