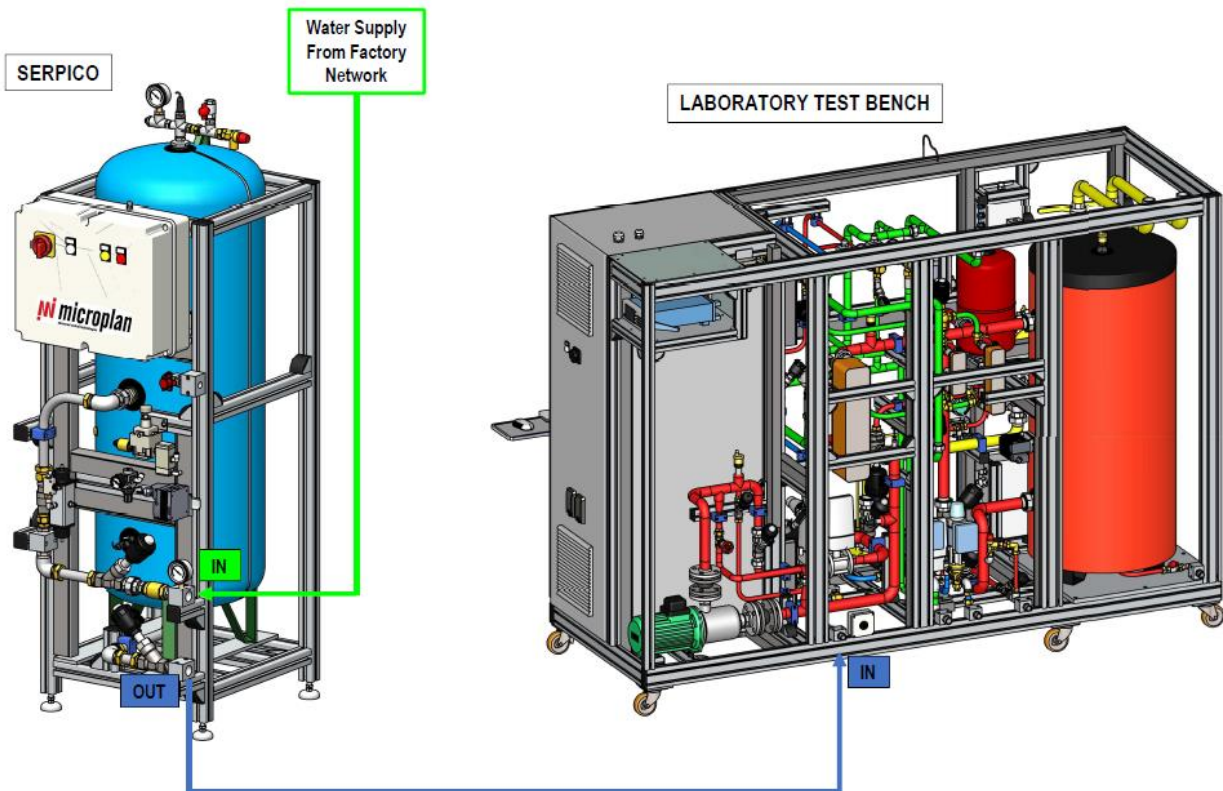




Serpico problems troubleshooting

Serpico (water pressure stabiliser) is installed upstream a laboratory test bench as it feeds the same with stable water. For this reason, water pressure entering into Serpico, from factory network, must have a pressure of 1 about bar higher than the water pressure desired at the DHW inlet of the boiler under test. Upper limit for Serpico water supply pressure is 7 bars.



For other problems with Serpico please refer to the following troubleshooting list:

Possible problem	Possible solution
Yellow lamp (minimum level alarm) is activated	<ul style="list-style-type: none"> • Ensure water is supplied to Serpico water inlet (for Serpico models 2.0 and Plus: check MM9.2 pressure indicator) • Ensure compressed air is supplied to Serpico air inlet (for Serpico models 2.0 and Plus: check pressure indicator within RA9.2) • Ensure inlet water pressure shown on MM9.2 pressure indicator is at least 1 bar higher than working water pressure set on MM9.1 pressure indicator. The greater the pressure difference the greater the maximum flow rate obtainable from the Serpico • Ensure that the inlet water valves are both opened • Remove the electric wire and check that the yellow lamp switch-off • Remove level probe and check if any dirt has deposited; if so, clean the level probe and reassemble it (see picture below). Repeat the same operation for the LPWORK level probe.



Possible problem	Possible solution
Red lamp (maximum level alarm) is activated	<ul style="list-style-type: none"> • Ensure that the inlet water valves are both closed • Remove the electric wire and check that the red lamp switch-off • Remove level probe and check if any dirt has deposited; if so, clean the level probe and reassemble it (see picture below)
Main electric switch is ON, but no electric power is present	<ul style="list-style-type: none"> • Check the main electric supply cable and electric source • Check the safety devices inside the electric box (only for qualified and authorized personnel)
No water provided to the test bench	<ul style="list-style-type: none"> • Ensure the minimum level alarm lamp is OFF • Ensure working pressure set on MM9.1 pressure indicator is lower than inlet water pressure shown on MM9.2 pressure indicator • Remove LPWORK level probe and check if any dirt has deposited; if so clean the level probe and reassemble it (see following below)

