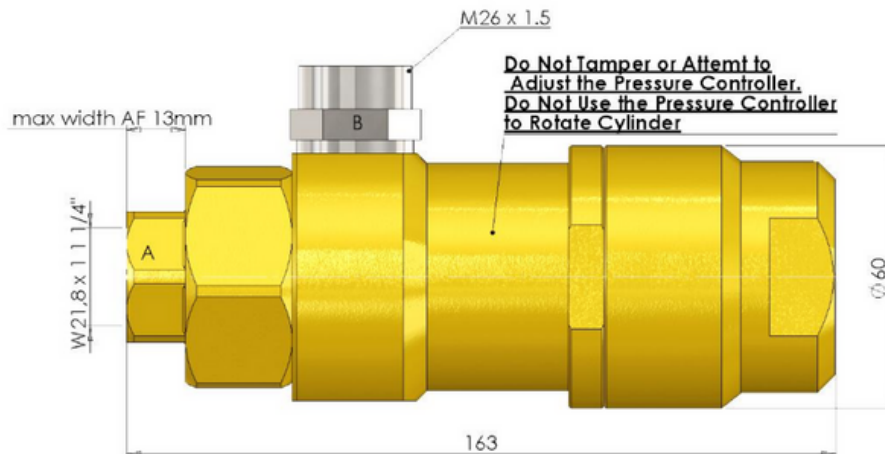


Pressure Controller - NF311250

Inertech constant pressure system use a pressure controller installed for each cylinder.

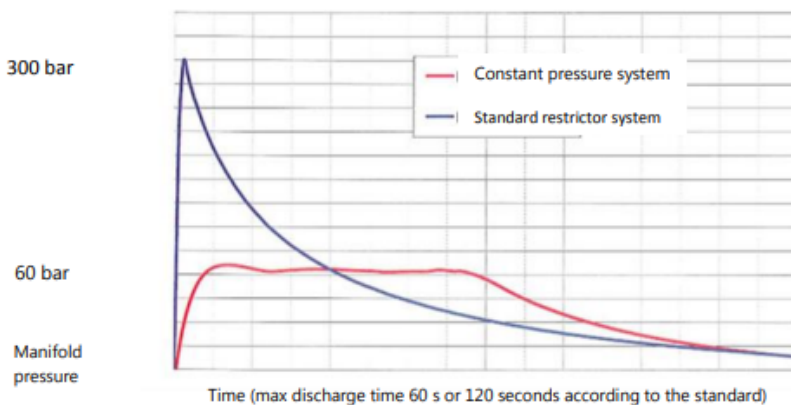
The pressure controllers replace the restrictor installed at the manifold outlet in standard gas systems. The pressure controller is installed between the quick-release discharge valve outlet and the discharge flexible connector.



- The pressure controller connects directly onto the outlet of the discharge valve and receives the high pressure inert gas of up to 300 bar at its connection (A). The device produces a controlled output pressure of inert gas at its connection (B). This controlled pressure will be a maximum of 60 bar.
- Controlling the pressure over the discharge time allows for smaller bore pipe work throughout of the system than traditional orifice plate systems.
- Connection (A) requires a 30mm A/F spanner to connect the controller to the discharge valve
- Material: Brass/ Stainless Steel

NOTE: all Inertech systems are equipped with pressure controllers (materials: stainless steel and brass)

The pressure controller allows for a reduction of the overpressure peak during the discharge.



The constant pressure system has many advantages:

- Smaller pipework diameter size.
- Smaller pressure relief vents.
- No high pressure (200/300bar) piping sections.
- Maximum 60bar in the pipework.
- Low pressure selector valves.

The pressure controller is a dynamic pressure reducer