

## 30xx Precision Pressure Regulator

- ✓ **Sensitive regulation**
- ✓ **Stable operation**
- ✓ **Automatic relief**
- ✓ **Very compact**
- ✓ **Adjustable shut of pressure**



The Tradinco Precision Pressure Regulator Model 30xx has been specially designed for calibration and test applications. The very small pitch of 0.5 or 1.0 mm allows accurate pressure adjustment. The 30xx has an integral relief valve which eliminates the need for a separate relief valve.

The built-in compensating diaphragm results in a dynamic balancing of valve seat forces. The 30xx is therefore virtually unaffected by changes in supply pressure. Stability of regulated pressure is maintained under varying flow conditions through the use of an aspirator tube. This adjusts the supply valve in accordance with the flow velocity.

Tradinco Instruments distributes, designs, manufactures and repairs calibration, sensing equipment and instruments for various industries.

Our core values are quality, service and keeping our knowledge up to date with the latest technical innovations.

# Technical Specifications

## Material:

Body : Aluminium alloy  
Trim : Stainless steel, brass, cadmium plated steel  
Diaphragms : buna N and dracon  
Connections : 1/4" NPT

## Ordering codes:

Pressure range	Pitch 0.5 mm	Pitch 1.0 mm
0-0.1 bar	3005-2P	3010-2P
0-0.7 bar	3005-10P	3010-10P
0-1 bar	3005-1B	3010-1B
0-2 bar	3005-30P	3010-30P
0-4 bar	3005-60P	3010-60P
0-7 bar	3005-100P	3010-100P
0-10 bar	3005-10B	3010-10B

Max. inlet pressure: 17 bar