

# WOLF LABORATORIES

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## Multistage Regulators



These regulators are normally chosen for laboratory use and are designed to minimise outlet pressure fluctuation. Capable of working on cylinder pressure up to 300 Bar, these regulators provide extra safety and precision control to the user. The first stage automatically reduces cylinder pressure to 17 bar. The second stage is adjustable resulting in overall sensitive accurate control. Regulators for 0-4 Bar and 0-10 Bar are available for all non-corrosive gases, including oxygen, acetylene, hydrogen, nitrogen, argon, helium etc. The regulator is produced under quality management system BS EN ISO 2503.

### Features

- TYPES - Available in 2 gauge form to give total accuracy and flexibility to suit all welding, cutting, heating and gas control applications. The 2 gauge form features both cylinder contents pressure and the regulated outlet pressure
- INLET CONFIGURATION - Available with bottom or side entry inlet connections to ensure that the Regulator fits both safely and conveniently on all available cylinders
- NEVOC - With gas manufacturers throughout Europe filling cylinders to higher pressures the need for the standardisation of cylinder connections has necessitated the adoption of a new cylinder connection. The New European Valve Outlet Connection (NEVOC) has been designed to meet those requirements and has been adopted throughout Europe for cylinders filled above 250 bar, Cylinders fitted up to and including 250 bar will continue to use relevant national standard (ie. BS 341 connections in the UK)
- SAFETY PRESSURE GAUGES - Meeting the requirements of the latest standard BS EN 562 these gauges are of the safest possible design. All gauges have the gas service indicated and are marked for maximum working pressure
- HIGH FLOW SAFETY VALVE - Tamper proof, this high capacity valve will safely vent excess pressure and reseal thus extending the regulator's life
- CAPTIVE PRESSURE ADJUSTING KNOB - This important feature is designed into the Gas-Arc range, making it impossible to remove the adjusting knob
- 300 BAR VALVE - Using the latest technology available, Gas-Arc have designed the 300 Bar valves compatible with high pressure industrial gases
- INLET FILTER - All regulators are fitted with an integral inlet filter that encapsulates the main valve and is designed to prevent ingress of foreign particles into the regulator. This safety feature reduces the possibility of valve damage and fire
- 1<sup>st</sup> STAGE PISTON - Solid brass piston to withstand the demands of 300 Bar service, provides an accurate and constant supply to the second stage
- 2<sup>nd</sup> STAGE DIAPHRAGM (UNPERFORATED) - This design means the efficiency of the diaphragm is greatly improved and also reduces the possibility of leaks, improving safety
- BODY - The regulator body is manufactured in a fully automated UK manufacturing facility, from brass bar stock sourced from reliable and consistent mills from within the EU

- BONNET - High strength alloy bonnet is designed to safely contain the increased cylinder pressures. An ABS shroud is fitted over the bonnet to allow for the permanent marking of manufacturers name, maximum inlet pressure and the product standard in accordance with the requirements of BS EN ISO 2503
- BCGA CP7 MARK - The Inspection/Replacement date is permanently etched into the body of each regulator as part of the machining process. This provides the user with important information with regard to the maximum service life of the regulator in accordance with British Compressed Gases Association, Codes of Practice CP7
- FLASHBACK ARRESTORS - It is recommended that flashback arrestors are fitted in all cases when used with oxygen or fuel gases

<b>Product Code</b>	<b>Description</b>
NTCR2	Regulator two stage 0-4 bar oxygen (6mm hose)
NTCR8	Regulator two stage 0-10 bar Air/Nitrogen (6mm hose)
NTCR7	Regulator two stage 0-4 bar Air/Nitrogen (6mm hose)
NTCR13	Regulator two stage 0-4 bar CO2 (6mm hose)
NTCR19	Regulator two stage 0-4 bar hydrogen (6mm hose)
NTCR81	Regulator multistage 0-4 bar mixed gas L/H

Other products are available if these do not meet your requirements, please contact us for information