

**Product Title: BS EN ISO 7291 Manifold Regulators**



RAN03120

**Description**

Manufactured specifically for use with cylinder and multi-cylinder pack manifolds, the Gas-Arc range of manifold regulators fully comply with the requirements of BS EN ISO 7291. This exacting standard covers cylinder pressures up to 300 bar and specifically deals with issues such as oxygen ignition, flow characteristics and safety relief valve discharge capabilities.

**Features**

- INLET CONFIGURATION - Available with BS 341 with hand tight and "O" ring seal or Nevoc inlet connections.
- OUTLET CONNECTION - G 3/8 male.
- RANGE OF OUTLET PRESSURES - 45m<sup>3</sup>/hr rated flow at 10 bar (12 bar maximum), 15m<sup>3</sup>/hr rated flow at 4 bar (5 bar maximum) and 5 m<sup>3</sup>/hr rated flow at 1.5 bar (acetylene only).
- REGULATOR SAFETY RELIEF VALVE - with pipe away facility (not available on acetylene models).
- SAFETY PRESSURE GAUGES - Meeting the requirements of the latest standard BS EN 562 this gauge is of the safest possible design. All gauges have the gas service indicated and are marked for maximum working pressure.
- CLEARLY LABELLED - with nominal discharge flow rate, inlet port, rated inlet and outlet pressures as required by BS EN ISO 7291.
- TESTED AND CERTIFIED - by an independent body for both oxygen ignition and acetylene decomposition as required by the standard.
- PURITY - standard purity 99.9%, high purity option available up to 99.999%.

| Gas       | Description   | Max. Inlet Pressure | Max. Outlet Pressure | Inlet Configuration      | Outlet Configuration | Part No. |
|-----------|---|---------------------|----------------------|--------------------------|----------------------|----------|
| Oxygen    | 2 Gauge 0-12 bar  | 300 bar             | 12 bar               | Base entry - BS341 no. 3 | 3/8 BSP RH           | RAN03115 |
| Oxygen    | 2 Gauge 0-5 bar   | 300 bar             | 5 bar                | Base entry - BS341 no. 3 | 3/8 BSP RH           | RAN03129 |
| Oxygen    | High Purity 2 Gauge 0-12 bar                                | 300 bar             | 12 bar               | Base entry - BS341 no. 3 | 3/8 BSP RH           | RAN03116 |
| Oxygen    | High Purity 2 Gauge 0-5 bar                                 | 300 bar             | 5 bar                | Base entry - BS341 no. 3 | 3/8 BSP RH           | RAN03134 |
| Inert     | 2 Gauge 0-12 bar  | 300 bar             | 12 bar               | Base entry - BS341 no. 3 | 3/8 BSP RH           | RAN03114 |
| Inert     | 2 Gauge 0-5 bar   | 300 bar             | 5 bar                | Base entry - BS341 no. 3 | 3/8 BSP RH           | RAN03131 |
| Inert     | High Purity 2 Gauge 0-12 bar                                | 300 bar             | 12 bar               | Base entry - BS341 no. 3 | 3/8 BSP RH           | RAN03117 |
| Inert     | High Purity 2 Gauge 0-5 bar                                 | 300 bar             | 5 bar                | Base entry - BS341 no. 3 | 3/8 BSP RH           | RAN03135 |
| Inert     | 2 Gauge 0-12 bar  | 300 bar             | 12 bar               | Nevoc No. 30             | 3/8 BSP RH           | RAN03128 |
| Inert     | 2 Gauge 0-5 bar   | 300 bar             | 5 bar                | Nevoc No. 30             | 3/8 BSP RH           | RAN03132 |
| Inert     | High Purity 2 Gauge 0-12 bar                                | 300 bar             | 12 bar               | Nevoc No. 30             | 3/8 BSP RH           | RAN03133 |
| Inert     | High Purity 2 Gauge 0-5 bar                                 | 300 bar             | 5 bar                | Nevoc No. 30             | 3/8 BSP RH           | RAN03136 |
| Fuel Gas  | 2 Gauge 0-12 bar  | 300 bar             | 12 bar               | Base entry - BS341 no. 4 | 3/8 BSP LH           | RAN03118 |
| Fuel Gas  | 2 Gauge 0-5 bar   | 300 bar             | 5 bar                | Base entry - BS341 no. 4 | 3/8 BSP LH           | RAN03125 |
| Fuel Gas  | High Purity 2 Gauge 0-12 bar                                | 300 bar             | 12 bar               | Base entry - BS341 no. 4 | 3/8 BSP LH           | RAN03126 |
| Fuel Gas  | High Purity 2 Gauge 0-5 bar                                 | 300 bar             | 5 bar                | Base entry - BS341 no. 4 | 3/8 BSP LH           | RAN03127 |
| Acetylene | 2 Gauge 1.5 bar Pre-Set (to suit SRV manifold)              | 25 bar              | 1.5 bar              | Base entry - BS341 no. 4 | 3/8 BSP LH           | RAN03120 |
| Acetylene | 2 Gauge 1.5 bar Pre-Set (to suit Safety Slam Shut manifold) | 25 bar              | 1.5 bar              | Base entry - BS341 no. 4 | 3/8 BSP LH           | RAN03137 |
| CO2       | 2 Gauge 0-12 bar  | 60 bar              | 12 bar               | Base entry - BS341 no. 3 | 3/8 BSP RH           | RAN03111 |
| CO2       | 2 Gauge 0-5 bar   | 60 bar              | 5 bar                | Base entry - BS341 no. 3 | 3/8 BSP RH           | RAN03130 |
| N2O       | 2 Gauge 0-12 bar  | 60 bar              | 12 bar               | Base entry - BS341 no. 3 | 3/8 BSP RH           | RAN03111 |
| N2O       | 2 Gauge 0-5 bar   | 60 bar              | 5 bar                | Base entry - BS341 no. 3 | 3/8 BSP RH           | RAN03130 |



Distributed By:  
 Greyhound Chromatography and  
 Allied Chemicals  
 Tel: 0151 649 4000  
 www.greyhoundchrom.com

