

Pressure Regulators.





Continuous improvements have fine tuned the design of our pressure regulators to deliver a stable outlet pressure from full all the way through to near empty cylinder pressure, across the widest flow range.

Pressure Regulators reduce gas cylinder pressure to a lower and stable pressure for provision of medical gases to respiratory devices. All sealing materials in contact with cylinder pressure are halogen-free and each model has been tested for resistance to auto-ignition.

Medical pressure regulators provide a safe, convenient way of connecting high-pressure gas cylinders to flowmeters, ventilators and other equipment.

Patient safety is our number one priority, so all our pressure regulators are free of halogenated elastomers and polymers in contact with the high-pressure gas.

- State-of-the-art piston design
- Illuminous pressure gauge faces for improved visibility in poor light conditions
- Independently auto-ignition tested to ensure maximum safety
- A wide range of inlet and outlet connection types available
- Halogen-free high-pressure components

| SPECIFICATION | ENTONOX® | Medical AIR | Medical Oxygen PIV | Medical Oxygen BNV |
|-------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Ordering Number | 14794 | 12624 | 12623 | 14719 |
| |  |  |  |  |
| Description | Pressure Regulator, O2/N2O, Pin Index | Pressure Regulator, Med Air, Pin Index | Pressure Regulator, Oxygen, Pin Index | Pressure Regulator, Oxygen, Bull Nose (No.3) |
| Gas Compatibility | Entonox® | Medical Air | Medical Oxygen | |
| Inlet Connection | Pin Index ISO 407 | | | BS 341-1 No.3 |
| Outlet Connection | BS 5682 | | | |
| Inlet Pressure | 0.9 to 20 MPa (9 to 200 bar) | | | |
| Standard Discharge | 40 sl/min | | | |
| Maximum Flow | 80 l/min | | | |
| Inlet Filtration | 40 µm | | | |
| Over Pressure Valve Set Point | 600 kPa | | | |
| Service Interval | 4 years | | | |
| Intended Life | 12 years | | | |
| Warranty | 1 years | | | |
| Regulatory | EC: MDD Class IIb Medical Device Medical Device Act 2012 (Malaysia): Class B | | | |
| Manufacturer | BPR Medical, UK | | | |