

## KEY FEATURES AND BENEFITS

- Extensive range
- Available from stock
- Easy to use
- Specialist equipment available
- Application advice
- Tailored inlet and outlet connections



As important as the gas mixture itself in providing accurate calibration is the downstream delivery equipment of which the regulator is a fundamental component.

In order to determine the optimum regulator for use in a particular service or with a particular gas mixture please consult the *CryoService Pressure Regulator Selection Chart*.

Principal tenets of the CryoService range of regulators are:

**Economy:** brass bodied single and twin stage variants for inert 100% gases and mixtures containing inert components >1000ppm.

**Scientific:** available with both a chrome brass body (suitable for use with non-corrosive gas mixtures where components are <1000ppm) and stainless steel body (recommended where gas mixtures contain a reactive component), all models have stainless steel diaphragm and are available as single and twin stage models.

**Specialist:** this range covers esoteric applications that require a regulator with unusual pressure or flow characteristics as well as those for highly corrosive service, such as gas mixtures containing hydrogen chloride or chlorine. The range also encompasses the **Dial-a-Flow™** that offers 8 pre-set flow rates in a single lightweight construction and affords reliable and repeatable calibration without the need for a separate flow meter.

*Please see individual regulator datasheets for technical details.*

All regulators are supplied with a choice of inlet stem and either the standard hose tail barb or 6mm compression fitting on the outlet.

### Accessories:

- **Automatic Changeover Manifolds** - switch from empty to full cylinders thereby avoiding interruptions in gas supply.
- **Nut and Stem** - allows a regulator to be used with gas cylinders having different valve connections thereby reducing the number of regulators required.
- **Quick Connect** - used in conjunction with the nut and stem arrangement and allows regulators to be 'snapped' on and off cylinders, thereby reducing changeover time and the number of regulators required.
- **Stainless Steel Braided Hose** - high quality, pressure rated hoses fitted with anti-whip cables.
- **Teflon Tubing** - specially selected tubing for the regulator to instrument interface to help promote accurate calibrations.
- **Flowmeters** - for use in conjunction with single and twin stage regulators to accurately measure and control the gas flow.