

J Young valves product information

- ▶ Established brand and reputation for quality exclusively manufactured by GPE Scientific Ltd UK.
- ▶ Greaseless High Vacuum valves ensuring no seizure or contamination.
- ▶ Leak tested to better than 10^{-6} Mb Ltr/Sec and are suitable for use in applications up to 7 PSI.
- ▶ 3 x Viton O-ring seals on a standard PTFE piston ensures best vacuum performance (one Viton O-ring is encapsulated in PTFE)
- ▶ 3 x Standard Piston diameters* 10mm, 15mm & 25mm Diameter
* NB Glass pistons 10mm & 15mm only, GP range = 10mm only
- ▶ Glass Piston option – Suitable for temperature applications -20°C to 200°C with standard Viton 'O' rings. Where greater chemical resistance is required we can offer 'O' ring material EPDM (-30°C to 200°C) and Perfluoro (-15°C to 200°C) upon request.
- ▶ PTFE used in the manufacture of this product is VIRGIN PTFE GRADE TF1620. All PTFE components comply with the requirements of FDA 21 CFR 177.1550. USP class VI- USP 27, NF22, 2004 for plastics at 70°C. RoHS2 – Directive 2011/65/EU & dangerous substances – 76/769/EC. EU REACH regulations – SVHC Current candidate list. Bisphenol A – Absent Latex – Absent. Free from animal components BSE/TSE. GMO Free.
- ▶ Our stopcocks are available with a choice of two types of threads, fine threads reference POR (yellow) and fast threads reference PTT (white).
- ▶ The O-ring seal on the tip of the PTFE piston is easy to change

