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### SYSTEM ACCESSORIES

## GAUGES

**PG-63**

63 mm diam. 0-1,000 bar /  
0-14,500 psi 1/4"-NPT Male



**PG-100-40K**

100 mm diam. 0-2,700 bar /  
0-40,000 psi 9/16"-18UNF  
Female



**PG-100**

100 mm diam. 0-1,000 bar /  
0-14,500 psi 1/4"-NPT Male



**PG-100-60K**

100 mm diam. 0-4,000 bar /  
0-60,000 psi 9/16"-18UNF  
Female



THE **PG-SERIES** HYDRAULIC PRESSURE GAUGES ARE RECOMMENDED FOR MONITORING ALL HYDRAULIC SYSTEMS.

Models are available from 63-150 mm face diameter and feature high quality stainless steel construction. Analogue models are liquid filled to increase longevity and are accurate to within 1% excluding model PG-63 (1.6%). The battery powered PGD-75 digital pressure gauge can be programmed with a cylinder effective area and quickly set to read in force measurements (kN, tonnes and kgs). It is ideal for testing applications requiring a force measurement and is accurate to within 0.25%.

**PG-150**

150 mm diam. 0-1,000 bar /  
0-14,500 psi 1/4"-NPT Male



**PGD-75**

75 mm diam. 0-800 bar /  
0-11,600 psi 1/4"-NPT Male



## HOSES

THE **HPS-SERIES** HYDRAULIC 1/4" & 3/8" HOSES ARE A HIGH PRESSURE THERMOPLASTIC HOSE THAT EXCEEDS THE AMERICAN JACKING SPECIFICATIONS IJ100 FOR USE IN APPLICATIONS TO 700 BAR.

The hose is made up by an inner tube that is polyester elastomer and is reinforced by braids of aramid fibre plus one braid of steel wire covered with a polyurethane (anti abrasive) outer. The hose is lightweight and flexible with a tight bend radius for use on hose reels and in tight situations.

1/4" sizes are available in Red, Black and Twin (1 x Red / 1 x Black) for double acting hydraulic applications. All hoses are complete with crimp on fittings and bend restrictors. Models complete with hydraulic couplings are available (see table for details).



Model No.	Hose Size (inch)	Internal Diameter (mm)	Outside Diameter (mm)	Working Pressure		Min. Burst Pressure		Safety Factor Ratio	Temperature Range		Bend Radius (mm)	Weight (g/m)
				(bar)	(psi)	(bar)	(psi)		(min.)	(max.)		
HPS-06	1/4	6.6	12.7	700	10,000	2,800	40,000	4:1	-40 °C	+100 °C	35	180
HPS-10	3/8	9.8	18.7	700	10,000	2,800	40,000	4:1	-40 °C	+100 °C	90	330