

DTG-

5000 series



A range of stylish, robust and accurate gauges available in various pressure ranges

The DTG-5000 series is designed for both stationary and mobile measurement, display & data logging of pressure. They can be used as reference pressure gauges to simplify the checking, adjustment and calibration of other pressure measurement devices directly on site is a portable, high-accuracy test gauge. With advanced microprocessor technology and state-of-the-art silicon pressure sensors, the DTG-5000 series provides an accurate, reliable and economic solution for pressure application in the industries of power, chemical, petrol, metallurgy, metering and more.

Key Features

- Pressure ranges up to 2500bar
- High accuracy up to 0.025%FS
- Temperature compensation
- Large, easy to read display with 6-digit resolution
- MAX and MIN values function
- Zero-point full scale calibration function
- Nine pressure units selectable
- Equipped with rugged ABS plastic
- 7.4Vdc rechargeable lithium battery and charger
- Data storing function
- Large LCD with white backlight, dual readout
- CE & EX approval

www.gpslimited.com/DTG5000
For all enquiries, Tel: +44 (0) 208 964 3600
Email: info@gpslimited.com

Ordering Information

Gauge pressure				
Order Code	Pressure Range		Accuracy	Media
	(psi)	(bar)		
DTG5000-1	[0~10]	[-1~0.7]	0.025,0.05	G
DTG5000-2	[0~15]	[-1~1]	0.025,0.05	G
DTG5000-3	[0~30]	[-1~2]	0.025,0.05	G, L
DTG5000-4	[0~60]	[-1~4]	0.025,0.05	G, L
DTG5000-5	[0~100]	[-1~7]	0.025,0.05	G, L
DTG5000-6	[0~200]	[-1~14]	0.025,0.05	G, L
DTG5000-7	[0~300]	[-1~20]	0.025,0.05	G, L
DTG5000-8	[0~500]	[-1~35]	0.025,0.05	G, L
DTG5000-9	[0~600]	[-1~40]	0.025,0.05	G, L
DTG5000-10	[0~1000]	[-1~70]	0.025,0.05	G, L
DTG5000-11	[0~2000]	[0~140]	0.025,0.05	G, L
DTG5000-12	[0~3000]	[0~200]	0.025,0.05	G, L
DTG5000-13	[0~5000]	[0~350]	0.025,0.05	G, L
DTG5000-14	[0~6000]	[0~400]	0.025,0.05	G, L
DTG5000-15	[0~10000]	[0~700]	0.025,0.05	G, L
DTG5000-16	[0~15000]	[0~1000]	0.025,0.05	G, L
DTG5000-17	[0~24000]	[0~1600]	0.025,0.05	G, L
DTG5000-18	[0~37000]	[0~2500]	0.025,0.05	G, L
Compound pressure				
DTG5000-19	[-0.4~0.4]	[-0.025~0.025]	0.025,0.05	G
DTG5000-20	[-0.8~0.8]	[-0.05~0.05]	0.025,0.05	G
DTG5000-21	[-1.5~1.5]	[-0.1~0.1]	0.025,0.05	G
DTG5000-22	[-6~6]	[-0.4~0.4]	0.025,0.05	G
DTG5000-23	[-15~15]	[-1~1]	0.025,0.05	G
Remarks: G=Gas, L=Liquid; Pressure port: 1/4" NPT male				

General Specifications

DTG-5000 series	
Range	[refer to pressure ranges selection sheet]
Accuracy	±0.025%F.S, ±0.05%F.S
Units	Pa, kPa, MPa, psi, bar, mbar, kgf/cm2, mmH2O, mmHg
Temperature Compensation Range	0-50 °C
Display	6 digits large LCD with backlight
Pressure Connection	M20*1.5, or 1/4"NPT male thread (or customised)
Battery	7.4V lithium with specific charger, battery life: 80 hours
Case Material	ABS Plastic
Dimensions	Φ95mmx49mm. Total Height:166mm
Weight	0.75 kg

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