

Bourdon Tube Pressure Gauges

U2BG X-3

Liquid Filled Utility Pressure Gauge

Standard Versions

Used in hydraulic/pneumatic systems, compressors regulators and machine industry. Suitable for fluid gaseous media which does not clog connection port or corrode stainless steel. It can be used for severe service conditions where pulsation or vibration exist. It has a premium quality and long life

Accuracy (EN 837-1)

Ø63 (2.5"): ±1.6%F.S.

Ø100 (4"), Ø150 (6"): ±1.0%F.S.

Case

Stainless steel case and bayonet ring

Case Filling

for model U2BG X-3: glycerine filled

Operating Temperature

Ambient: -20°C to 60°C (-4°F to 140°F)

Media: Max. 60°C (140°F)

Service Fluid

Compatible gases and liquids

Nominal Case Size

X: Ø63, 100, 150 mm (2.5", 4", 6")

Wetted Parts

Type -1: Connection: stainless steel
Bourdon tube: stainless steel

Case Configuration

Connection: screwed
Position of the connection: bottom connection, optional back connection (rm)
Mounting device: bottom lower with back flange wall mounting (Rh), centre back with front flange panel mounting (rmFr), lower with U-clamp panel mounting (rmBFR)

Pressure Ranges (EN 837-1)

Vacuum:	-30"Hg/-1/0bar	-1/0 bar
Compound:	-30"Hg"/0/200psi	-1/0/14 bar
Pressure:	0/15/ psi/10,000 psi	0/1 bar/ 700 bar

Working Pressure

Steady: ¾ of full scale
Fluctuating: of full scale
Short time: full scale

Process Connection

Stainless Steel: ¼" for Ø63mm
½" for Ø100mm, Ø150mm
BSP, BSPT, NPT or metric thread

Bourdon Tube

Stainless steel: -30"Hg/800 psi (C-Type)
800 psi/ 10,000 psi (Coil-Type)

Window

Safety glass

Movement

Stainless steel



Dial

Aluminum, black or black/red figures, white background

Pointer

Aluminum, black

Ordering Information, Standard Pressure Ranges, Options

see page 2

Special Versions and further Options among others

- Other scales/ranges
- Customer logo on dial
- Other process connections
- Connection also can be Chrome or Nickel plated
- Scale unit can use kPa, MPa, kgf/cm², kg/cm², torr, atm
- Liquid inside can be changed to be silicon oil
- Liquid inside can be filled by customer
- Fill cap can be changed to be with on-off type
- Enquiry to sales@itiuk.com



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Case Configuration, and Code Letters

Lower connection	Centre back connection
<p>No mounting device</p> <p>(no connection code letter)</p> 	<p>No mounting device</p> <p>code letter: r</p> 

Can be customised with your name/logo markings on dial. For further information email: sales@itiuk.com

