

Cost-effective pressure test kit with one or two digital gauges with mobile datalogging app

DPG series Digital Datalogging Pressure Gauge & Minimesse® Test Kit

- Finger tight connection
- Ranges from -1 to 1000 bar
- Connect & disconnect under full system pressure
- Test under pressure using leak-free Minimesse connections up to 630 bar
- Compatible with the Watchlog Bluetooth mobile app
- Back-lit display with bar graph & min/max
- 2 x 1.5Vdc AA battery supply
- Compact and Rugged IP67
- 330° Rotatable Display



The ideal low cost solution for digital pressure testing. With display of pressure and pressure peaks, digital pressure gauges offer excellent accuracy and peak capture which a standard analogue gauge simply can not provide. Minimesse® test points and in-line tees offer excellent system access versatility.

DISCOVER MORE AT
HYDROTECHNIK.CO.UK/DPG-KIT

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The DPG digital gauges are supplied in each kit with Minimesse 1620 male connections for quick, tool free fitting to included Minimesse test hoses. Minimesse female adaptors are also included for fitting the gauges to male 1620 test points.

Watchlog Bluetooth App

The WLB-DPG digital gauge is compatible with the Watchlog Bluetooth display and datalogging app for iOS and Android.

Download for free on to your mobile device from the app store.



KIT CONTENTS

- 1 or 2x WLB-DPG series digital pressure gauges with 1620 male connection, selectable up to 1000 bar with bluetooth app datalogging capabilities.*
- 2 x SNA series Minimesse® Male/Swivel Female 1620 inline test point adaptors. 3/8" & 1/2" BSP.
- 2 x Minimesse® 1620 test points - G1/4" BSP and M10x1 male thread.
- 1 x G1/4" BSP gauge female to Minimesse® 1620 female gauge adaptor.
- 1 or 2 x 630 bar rated Minimesse® microbore pressure test hose, 1.5 meters long.
- Additional 3/8" & 1/2" BSP male threaded adaptors & seals.

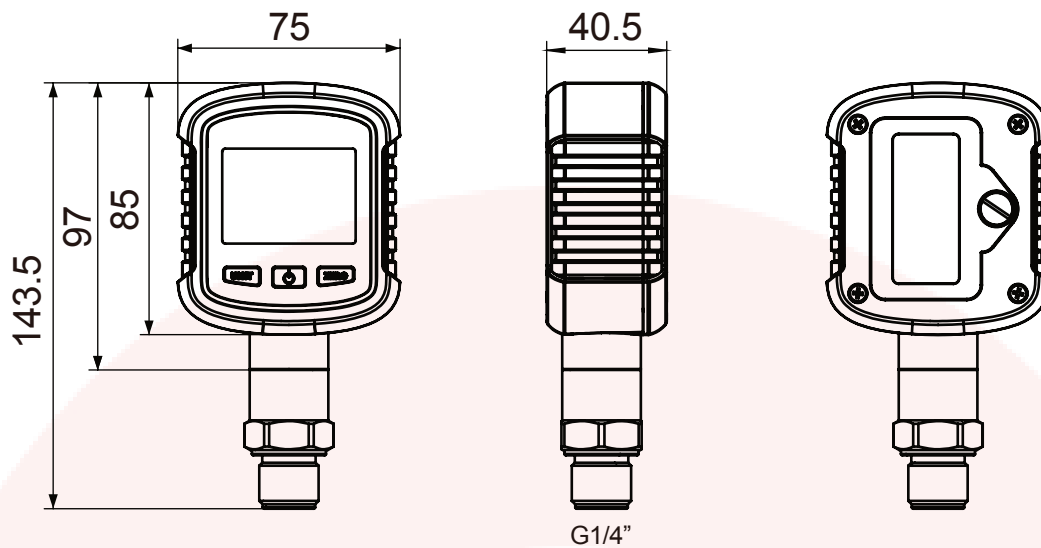
*See the DPG gauge datasheet at hydrotechnik.co.uk/wlb-dpg for further information.

DEVICE & OPERATION OVERVIEW

- 1 330° rotatable case with durable protective rubber shroud
- 2 Live pressure reading in selected units
- 3 Min or Max pressure reading (selectable)
- 4 3-segment battery status icon
- 5 Currently selected pressure units (see technical data for options)
- 6 Live pressure as percent of gauge range
- 7 Power, backlight, cycle between units, toggle between max/min pressure, settings



TECHNICAL DRAWING

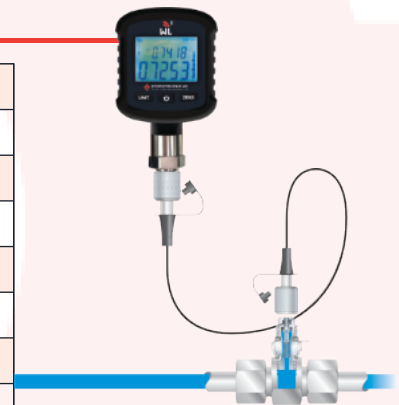


G1/4" B (manometer style), G1/2", G1/2" B,
1/4" NPT & 1/2" NPT available on request

Units in mm, +/- 0.5mm

TECHNICAL DATA

Measuring Ranges	Measuring Range	Resolution
	-1...1 bar	10 mbar
	-1...16 bar	10 mbar
	0...60 bar	10 mbar
	0...160 bar	10 mbar
	0...250 bar	100 mbar
	0...400 bar	100 mbar
	0...700 bar	100 mbar
	0...1000 bar	100 mbar
Displayed units	MPa, bar, kgf, mH ₂ O, PSI, kPa, mmHg, mBAR, mmH ₂ O, Pa, inWC	
Gauge Accuracy	0.2%FS	



Please download the WLB-DPG datasheet & manual from hydrotechnik.co.uk/wlb-dpg for full specifications & information.

ORDERING CODE

3101-WB-XX.50

Replace each **X** with the code for the required pressure gauge(s):

- 0** = No gauge
- V** = -1...1 bar
- 1** = -1...16 bar
- 4** = 0...60 bar
- 5** = 0...160 bar
- 7** = 0...250 bar
- 8** = 0...400 bar
- 9** = 0...700 bar
- A** = 0...1000 bar

ORDERING EXAMPLES

3101-WB-09.50 Single gauge kit with 1x 0...700 bar digital pressure gauge.

3101-WB-7A.50 Double gauge kit with 1x 0...250 bar & 1x 0...1000 bar digital pressure gauges.

Datalogging Gauge Kit



The 3101-81 Minimes® Digital datalogging kit is also available. With identical test points, adaptors and hoses, the DDPG gauge kit offers internal datalogging accessible via USB, a greater level of detail displayed and higher accuracy.

Find out more at hydrotechnik.co.uk/digital-kit

