Merit Instruments

DGP20 SERIES COMPACT DIGITAL GAUGE

Description & Features:

- Compact 2.67” (68mm) case
- Black silicone protective boot for case standard.
- 304 SS case with 316 SS sensor & thread.
- Available with bottom or center back connection threads in 1/4" or 1/2" NPT standard. Other sizes and thread types available upon request.
- Standard ranges from vacuum to 14,000 psi.
- 0.25% accuracy for ranges above 15 psi, 0.5% accuracy for ranges ≤ 15 psi
- 5-year warranty

  **Refer to Merit Instruments warranty page for full warranty details.*

Specifications:

- Dial: 2.67” (68mm).
- Case: 304 stainless steel with black silicone protective boot standard.
- Display: 4 digit LCD for ranges below 10,000 psi, 5 digit LCD for ranges 10,000 psi and above, with backlight.
- Auto On/Off: Standard, programable from 0 to 15 minutes.
- Socket: 316 stainless steel.
- Accuracy: 0.25% accuracy for ranges above 15 psi, 0.5% accuracy for ranges ≤ 15 psi.
- Connection: Available with bottom or center back connection threads in 1/4" or 1/2" NPT standard. Other sizes and thread types available upon request.
- Battery: One 3.6 V battery standard.
- Overload Capacity: 150% of scale.
- Pressure Units: Standard psi, Bar, kPa, MPa, and kg/cm2 switchable units.
- Power Consumption: Up to 2 years in power-saving mode, 2,000 hours continuous operation.
- Operating Temperature: 14 F to 176 F, -10 C to 80 C.

Applications:

Merit's DGP20 Series digital pressure gauge is a compact but feature loaded unit designed for use with liquids or gases that are compatible with 316 stainless steel, making it a reliable choice for a wide range of industrial, process, laboratory and other general use applications. The bright, easy-to-read digital display delivers clear pressure readings at a glance, while multiple selectable pressure scales—psi, bar, kPa, MPa, and kg/cm²—provide flexibility for global and multi-system use without the need for manual conversion.

Engineered for low power consumption, the DGP20 Series supports long-lasting operation and reduced maintenance, even in continuous monitoring applications. Its dependable performance is further backed by Merit's 5-year warranty* that offers confidence, peace of mind and long-term value in an attractive yet robust compact digital pressure gauge.

DGP20 SERIES COMPACT DIGITAL GAUGE

2.67" (68) mm dial digital pressure gauge 1/4" NPT bottom connection.	Range	Code
	0/15 psi	DGP20015
	0/30 psi	DGP20030
	0/60 psi	DGP20060
	0/100 psi	DGP20100
	0/160 psi	DGP20160
	0/200 psi	DGP20200
	0/300 psi	DGP20300
	0/600 psi	DGP20600
	0/1000 psi	DGP201000
	0/1500 psi	DGP201500
	0/2000 psi	DGP202000
	0/3000 psi	DGP203000
	0/5000 psi	DGP205000
	0/10000 psi	DGP2010000

2.67" (68) mm dial digital pressure gauge 1/2" NPT bottom connection.	Range	Code
	0/15 psi	DGP20515
	0/30 psi	DGP20530
	0/60 psi	DGP20560
	0/100 psi	DGP205100
	0/160 psi	DGP205160
	0/200 psi	DGP205200
	0/300 psi	DGP205300
	0/600 psi	DGP205600
	0/1000 psi	DGP2051000
	0/1500 psi	DGP2051500
	0/2000 psi	DGP2052000
	0/3000 psi	DGP2053000
	0/5000 psi	DGP2055000
	0/10000 psi	DGP20510000

DGP20 SERIES COMPACT DIGITAL GAUGE

2.67" (68) mm dial digital pressure gauge 1/4" NPT back connection.	Range	Code
	0/15 psi	DGPB20015
	0/30 psi	DGPB20030
	0/60 psi	DGPB20060
	0/100 psi	DGPB20100
	0/160 psi	DGPB20160
	0/200 psi	DGPB20200
	0/300 psi	DGPB20300
	0/600 psi	DGPB20600
	0/1000 psi	DGPB201000
	0/1500 psi	DGPB201500
	0/2000 psi	DGPB202000
	0/3000 psi	DGPB203000
	0/5000 psi	DGPB205000
	0/10000 psi	DGPB2010000v

2.67" (68) mm dial digital pressure gauge 1/2" NPT back connection.	Range	Code
	0/15 psi	DGPB20515
	0/30 psi	DGPB20530
	0/60 psi	DGPB20560
	0/100 psi	DGPB205100
	0/160 psi	DGPB205160
	0/200 psi	DGPB205200
	0/300 psi	DGPB205300
	0/600 psi	DGPB205600
	0/1000 psi	DGPB2051000
	0/1500 psi	DGPB2051500
	0/2000 psi	DGPB2052000
	0/3000 psi	DGPB2053000
	0/5000 psi	DGPB2055000
	0/10000 psi	DGPB20510000