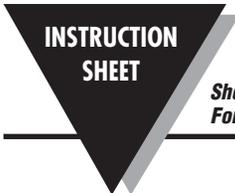
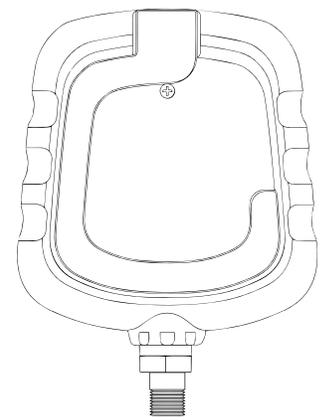
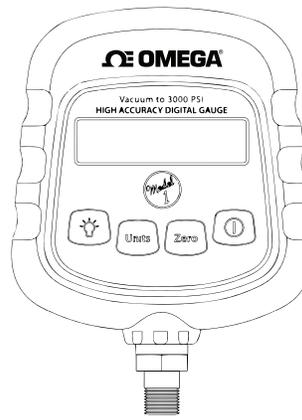




DPG01-3K

Auto-Ranging Digital Gauge



M-5248/0113

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The DPG01-3K Auto-Ranging Digital Gauge is a breakthrough in technology that Omega Engineering Inc. is proud to present. The DPG01-3K eliminates the need to use several gauges of different ranges to achieve and maintain high accuracy. The DPG01-3K uses patent-pending technology to span the range from absolute vacuum to 3,000 psi while maintaining 0.1% of reading accuracy across the entire span.

SPECIFICATIONS

Output Ranges: -28 Hg – 3,000 psi (0 to 208 bar)

Temperature Ranges: 0°C to 40°C (0°F to 104°F)

Units: psi, kPa, mmHg, inHg, inH2O, mmH2O, kg/cm2, BarsAbsolute, psiAbsolute, mBarAbsolute, mmHgAbsolute, Bar, mBar.

Process Connection: 1/4" NPT Male

Materials: Stainless steel valve, rubber housing, electronic board, AA batteries

Weight: 1.6 lbs

Set Pressure	Gauge Reading
20.00	19.98
40.00	39.96
50.00	49.90
100.00	100.10
200.00	199.90
500.00	500.20
1,000.00	1,000.20
1,500.00	1,500.30
2,000.00	2,000.30
2,500.00	2,500.20
3,000.00	3000.40

GUIDELINES FOR USE

- The DPG01-3K is shipped with three (3) AA batteries already installed, ready to use.
- The DPG01-3K has been compensated for temperatures ranging between 0°C and 40°C (0°F and 104°F).
- As the DPG01-3K climbs in pressure, the display automatically reduces the number of decimal places shown, starting with the thousandths (0.000) at the lowest of pressures, then the hundredths (100.00), and lastly the tenths (1,000.0).

OPERATION

1. Press the power button. As it is loading up it will display the software version, the serial number of the gauge, the battery power level, and the calibration due date.
2. Press and hold the "Zero" button for one second to set the gauge to zero (It is normal for the thousandths digit to rise and fall slightly after this is done).
3. Use thread tape seal on the 1/4" NPT threads prior to mounting the gauge onto a pressure source.
4. After mounting on a pressure source, bring the pressure up to the desired level and wait a moment for it to stabilize before taking readings.
5. If different units are desired, press the "Units" button to cycle through the choices.

MAINTENANCE

No routine maintenance is required. A periodic check of system calibration is recommended, however. The DPG01-3K is not field serviceable and should be returned to Omega Engineering Inc. if repair is needed (A field repair should not be attempted and may void the warranty). Be sure to include a brief description of the problem plus any relevant application notes. Contact customer service to receive a AR number before shipping.



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It is the policy of OMEGA Engineering, Inc. to comply with all worldwide safety and EMC/EMI regulations that apply. OMEGA is constantly pursuing certification of its products to the European New Approach Directives. OMEGA will add the CE mark to every appropriate device upon certification.

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WARNING: These products are not designed for use in, and should not be used for, human applications.



WARRANTY/DISCLAIMER

OMEGA ENGINEERING, INC. warrants this unit to be free of defects in materials and workmanship for a period of **13 months** from date of purchase. OMEGA's WARRANTY adds an additional one (1) month grace period to the normal **one (1) year product warranty** to cover handling and shipping time. This ensures that OMEGA's customers receive maximum coverage on each product.

If the unit malfunctions, it must be returned to the factory for evaluation. OMEGA's Customer Service Department will issue an Authorized Return (AR) number immediately upon phone or written request. Upon examination by OMEGA, if the unit is found to be defective, it will be repaired or replaced at no charge. OMEGA's WARRANTY does not apply to defects resulting from any action of the purchaser, including but not limited to mishandling, improper interfacing, operation outside of design limits, improper repair, or unauthorized modification. This WARRANTY is VOID if the unit shows evidence of having been tampered with or shows evidence of having been damaged as a result of excessive corrosion; or current, heat, moisture or vibration; improper specification; misapplication; misuse or other operating conditions outside of OMEGA's control. Components in which wear is not warranted, include but are not limited to contact points, fuses, and triacs.

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RETURN REQUESTS / INQUIRIES

Direct all warranty and repair requests/inquiries to the OMEGA Customer Service Department. BEFORE RETURNING ANY PRODUCT(S) TO OMEGA, PURCHASER MUST OBTAIN AN AUTHORIZED RETURN (AR) NUMBER FROM OMEGA'S CUSTOMER SERVICE DEPARTMENT (IN ORDER TO AVOID PROCESSING DELAYS). The assigned AR number should then be marked on the outside of the return package and on any correspondence.

The purchaser is responsible for shipping charges, freight, insurance and proper packaging to prevent breakage in transit.

FOR **WARRANTY** RETURNS, please have the following information available BEFORE contacting OMEGA:

1. Purchase Order number under which the product was PURCHASED,
2. Model and serial number of the product under warranty, and
3. Repair instructions and/or specific problems relative to the product.

FOR **NON-WARRANTY** REPAIRS, consult OMEGA for current repair charges. Have the following information available BEFORE contacting OMEGA:

1. Purchase Order number to cover the COST of the repair,
2. Model and serial number of the product, and
3. Repair instructions and/or specific problems relative to the product.

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