



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 which wear are not warranted, including but not limited to contact points, fuses, and triacs.

OMEGA is pleased to offer suggestions on the use of its various products. However, OMEGA neither assumes responsibility for any omissions or errors nor assumes liability for any damages that result from the use of its products in accordance with information provided by OMEGA, either verbal or written. OMEGA warrants only that the parts manufactured by it will be as specified and free of defects. OMEGA MAKES NO OTHER WARRANTIES OR REPRESENTATIONS OF ANY KIND WHATSOEVER, EXPRESS OR IMPLIED, EXCEPT THAT OF TITLE, AND ALL IMPLIED WARRANTIES INCLUDING ANY WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. LIMITATION OF LIABILITY: The remedies of purchaser set forth herein are exclusive, and the total liability of OMEGA with respect to this order, whether based on contract, warranty, negligence, indemnification, strict liability or otherwise, shall not exceed the purchase price of the component upon which liability is based. In no event shall OMEGA be liable for consequential, incidental or special damages.

CONDITIONS: Equipment sold by OMEGA is not intended to be used, nor shall it be used: (1) as a "Basic Component" under 10 CFR 21 (NRC), used in or with any nuclear installation or activity; or (2) in medical applications or used on humans. Should any Product(s) be used in or with any nuclear installation or activity, medical application, used on humans, or in any way, OMEGA assumes no responsibility as set forth in our basic WARRANTY/DISCLAIMER language, and, additionally, purchaser will indemnify OMEGA and hold OMEGA harmless from any liability or damage whatsoever arising out of the use of the Product(s) in such a manner.

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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User's Guide

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DPG6000 DIGITAL PRESSURE GAUGE INSTRUCTIONS

DISASSEMBLY PROCEDURE FOR ZERO AND SPAN CALIBRATION:

The DPG6000 comes with factory calibration. Refer to name plate for calibration information for your unit.

If it becomes necessary, the DPG6000 can be recalibrated in the field. A zero and span adjustment is available internal to the DPG6000. Refer to drawing on the next page. A reference pressure source is necessary to adjust the span.

STEP 1: Remove crown nut and washers. (12081, 12080, 12061-2)

STEP 2: Hold housing and push on protruding 10/32 stud. The front assembly will come free of the rear housing.

STEP 3: Continue to remove front assembly from rear housing (being careful of the internal transducer leads) until the zero and span controls are available for adjustment.

A. ZERO ADJUSTMENT

For gauge unit-no pressure applied. For absolute units-vacuum applied to pressure port.

With proper input, gauge or absolute, adjust zero control until the display reads 0000.

B. SPAN ADJUSTMENT

Apply a calibrated pressure source to the DPG6000 at its rated pressure. Adjust span control until the display reads the proper pressure.

Repeat step A and step B as necessary for any interaction between the controls.

When zero and span are set, reassemble in the reverse order step 3, step 2, step 1.

DISASSEMBLY PROCEDURE FOR BATTERY REPLACEMENT:

The DPG6000 is supplied with a "low bat" indicator. Located in the upper left-hand corner of the display, this display comes on when the battery voltage falls below a fixed limit and indicates time to replace the battery pack (DPG-BAT-C).

CAUTION: When disassembling or assembling the DPG6000 be careful not to pinch or damage the internal transducer leads.

STEP 1: Remove crown nut and washers. (12081, 12080, 12061-2)

STEP 2: Hold housing and push on protruding 10/32 stud. The front assembly will come free of the rear housing. Remove front assembly completely from rear housing, being careful of the internal leads.

STEP 3: Remove 3 number 4/40 nuts and rear retainer plate (12079). The battery pack (DPG-BAT-C) is now free to be removed. Remove.

STEP 4: Unplug the old battery pack and replace with new batteries. (DPG-BAT-C)

The new battery pack (DPG-BAT-C) will give a minimum of 2 years continuous uninterrupted service.

STEP 5: Reassemble in the reverse order-step 3, step 2, step 1.

It is the policy of OMEGA 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.

The information contained in this document is believed to be correct, but OMEGA Engineering, Inc. accepts no liability for any errors it contains, and reserves the right to alter specifications without notice.

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