

omega.com
ΩOMEGA®

PHH-7011, CDH-7021, PHH-7200
WATERPROOF PEN TESTER



Features

- Microprocessor-based for Fast and Accurate Measurements
- Special Viewing Angle Designed of Waterproof Housing, IP 67 rated
- Large LCD Display pH or Conductivity and Temperature Simultaneously
- Simple to Calibrate by One Keyboard and Automatic Temperature Compensation
- Multi-functions with Data-hold, max/min and Shows PTS after Calibration
- Low Battery and Consumption Indicator
- Auto Power Shut-off after 10 Minutes of nonuse
- Easy to Replace Electrode Module. Type of Electrode Would be Recognized Automatically and Shown in Display During Insertion.

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Specifications							
	PHH-7200						
	PHH-7011			CDH-7021			
	pH	mV	Temp.	Cond.	TDS	Salt	Temp.
Range	-2 - 16.00	-1000 - 1000	0-90°C	0 - 1999 μS 0.01-19.99 mS	0 - 999 ppm 1.00 - 9.99 ppt	0 - 999 ppm 1.00 - 9.99 ppt	0 - 90 °C
Accuracy	±0.01	±1	±0.3 °C				±0.3 °C
Resolution	0.01	1	0.1 °C	1 μS/0.01 mS	1 ppm/0.01 ppt	1 ppm/0.01 ppt	0.1 °C
ATC	0 - 80°C	N/A		0 - 50 °C			
Calibration	pH 4.00, 7.00, 10.00			0, 1413 μS, 12.88 mS			
Power	DC1.5V x 4 battery size:AAA/UM-4						

📍 **Tehran, Tehransar**

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Accessories for complete kit:

Buffer solution pH 4 & 7 (PHH-7011, PHH-7200)
Standard solution 1413 μ S (CDH-7021, PHH-7200)
Battery 1.5V x 4
Lanyard connection
Carrying case
Instruction manual
Optional: ORP electrode

Functions of keyboard:

Power/CAL:
Press to switch ON/OFF
Press and hold 3 sec to enter calibration mode

MODE:

Press to select function mode
Press and hold to change degree °C or °F

H/M: Hold/Max/Min:

Press to enter hold mode
Press and hold to enter max/min mode, press light to get max and min value



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Engineering Service: 1-800-872-9436/1-800-USA-WHEN®

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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.

The information contained in this document is believed to be correct, but OMEGA 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.

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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