

# ORP-5041

ORP Meter

M5146/0512

INSTRUCTION  
SHEET

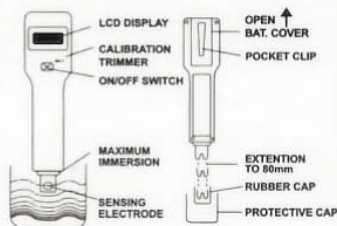
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MADE IN TAIWAN

## Operating Manual:

1. Load the battery and turn on the power switch.
2. Remove the protection cap and rubber cap. Adjust the desired length while pull out the electrode.
3. Rinse the electrode with clean water and wipe it dry.
4. Dip the electrode into the sample solution to be measured. Stir gently and wait until a stable reading can be obtained.
5. After measurement, rinse the electrode with clean water and replace the rubber cap and protection cap. The rubber cap should be always kept wet by adding soaking solution.
6. Clean the sensor tip by toothbrush after use period of time.

**NOTE:** Change a new battery when the power fail to turn on or the display fades.



### Specifications:

Range:	-1999 ~ 1999 mV
Resolution:	1mV
Accuracy:	± 0.5% FS
Environment:	0 ~ 50°C
Battery:	DC 9V
Size:	158 X 40 X 34 mm
Weight (W/ Bat.):	120 g



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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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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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