

PHS Series STIRRERS



INSTRUCTION SHEET

M-5423/0714

Shop online at: omega.com e-mail: info@omega.com
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BEFORE USE:

Please read the following instructions:

	Read the Manual first before operating the instrument
	For indoor use only
	Check the integrity of the unit before plugging into the power outlet
	Use in a well-ventilated area and away from any flammable objects
	Only heat vessels containing liquid
	Only use approved heating vessels
	Do not remove any objects when the unit is in use

Warning

	ALL UNITS MUST BE GROUNDED
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Check the line supply is sufficient to meet the power requirement of the unit!

Operation

1. Place the stirrer bar into the liquid – use the appropriate and normal cylinder shape stirrer bar to gain the maximum stirring effect.
2. Turn the stirring knob to gain the optimum stirring effect. In this time, the Stir LED will come on. With our special design, the stirring will occur at slightly delay time to minimize the disengaging movement of the stir bar. At maximum speed the stirring is vigorous; in order to avoid spillage, please test at maximum speed before leaving the unit unattended. The standard length of the stir bar is 30 mm length, use a standard bar first and change to a longer stir bar if needed. Adjust the speed with various stir bars to avoid the disengagement.
3. Monitoring the stirring effect when stirring, especially when the viscosity of the liquid changes during heating.

Maintenance and Service

After use, use a wet cloth to clean the top of the unit. Promptly cleaning is recommended to prolong the life time of the unit.



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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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