

NEW

CG-1990-T

DIGITAL-T HOT PLATE STIRRER

 **Exclusive!**

FEATURES

- Hot Plate Stirrer With A Digital Display That Shows Torque And RPM
- 2 Adjustable Safety Circuits
- Stirring Bar Decouple Detection
- HOT Warning Display Indicating Presence Of Any Residual Heat When The Unit Is Switched Off
- Viscosity Trend Display
- Easy-To-Read Backlit LCD Display
- Fuzzy Control And Microprocessor Technology Guarantee Maximum Control Accuracy
- PC Control Via RS 232 Interface, With Optional Safety Function
- 115V, 50/60 Hz

PACKAGE INCLUDES ONE EACH:

- Digital-T Hot Plate Stirrer
- PT 100 Temperature Sensor
- Vertical Support Rod
- Boss Head • S.S. Holding Rod

 **10
HOUR
TIMER**

 **3 YEAR
WARRANTY**



CG-1990-T

MAGNETIC HOT PLATE STIRRER, TIMER, WITH SAFETY CONTROL

Similar to our CG-1990, but with the addition of a 10 hour programmable timer. The timer allows the hotplate heating function to be shut off while leaving the stirring on. The timer can be set between 1 minute and 10 hours in 1 minute intervals. Manufactured for Chemglass Life Sciences by IKA WORKS, this magnetic hot plate stirrer incorporates two adjustable safety circuits and is indisputably at the top of their class in worldwide technology. A hot warning display indicating presence of any residual heat when the unit is switched off and a stirring bar crack detector are some of the newest features. Unit can be PC controlled via the RS 232 interface and analog output. The front panel design with easy-to-read backlit LCD display allows easy control and reading of both the speed and temperature features. The heating plate is 135mm diameter and made from stainless steel for optimum heat transfer. The hot plate stirrer is protected against liquid and vapor penetration by an enclosed assembly (IP 42) which guarantees long service life. The overhanging corner protects the instrument's plugs and electrical connections from spills.

Magnetic Stirrer:

H2O Stirring Quantity (Liters).....	20
Motor Rating Input/Output (Watts).....	12/5
Speed Display.....	LCD
Speed Range (RPM)	0 - 1,500
Stirring Bar Length MAX (mm).....	80

Heating Function:

Timer Function	1 minute to 9 hours 59 minutes
Heat Output (Watts).....	600
Temperature Range (°C).....	RT to 340
Heat Control Accuracy, Plate Only	± 1
Adjustable Safety Circuit MIN (°C).....	50
Adjustable Safety Circuit MAX (°C).....	350
Use With Temperature Sensor	CG-1995-02
Control Accuracy with Temperature Sensor	± 0.2

General Data:

Dimensions W x H x D (mm).....	160 x 97 x 280
Weight (kg/lbs).....	2.8/6.2
Permissible Ambient Temperature (°C)	5 to 40
Permissible Relative Moisture (%)	80
RS 232 Interface.....	Yes
Analog Output	Yes
Power Requirements	115V, 50/60 Hz
Power Input (Watts)	630

Ordering Information:

<u>Part Number</u>	<u>Description</u>	<u>Price</u>
CG-1990-T-50	Magnetic Hot Plate Stirrer, WITH TIMER, COMPLETE	899.00*

Complete Package To Include Hot Plate Stirrer and 1ea of:

CG-1995-02	PT 100 Temperature Sensor
CG-1995-05	Boss Head
CG-1995-06	Vertical Support Rod
CG-1995-22	Horizontal Thermocouple Support

Replacement Components:

<u>Part Number</u>	<u>Description</u>	<u>Price</u>
CG-1995-02	PT-100 Temperature Sensor ONLY	298.00*
CG-1995-05	Boss Head ONLY	21.01*
CG-1995-06	Vertical Support Rod ONLY	48.64*
CG-1995-22	Horizontal Thermocouple Support ONLY	32.04*

**not subject to discount*



CG-1990-T


**10
HOUR
TIMER**