

## Electrothermal Ovens



# CHEM-DRY® Integrated Vacuum Drying



Model 2002 with 2003D

## Compact, Low-Cost Vacuum Drying!

- Drying using heat, vacuum and desiccant
- Glass viewing window lets user see the sample
- Digital control panel



### Product Description

- CHEM-DRY will: dry primary standards for preparation of standard solutions; remove trace solvents from compounds before micro-analysis; perform "loss and drying" tests; and dry samples prior to melting point determination.
- The patented CHEM-DRY uses heat, vacuum and desiccant to remove moisture from samples.
- Modular design permits removal and storage of dried samples in sealed drying tubes, process samples in rapid succession or service multiple users.

- A glass viewing window allows user to see when sample is dry.
- Drying tube features jam-proof o-ring joints.
- Vacuum hose connects to threaded fitting so hose can be easily separated from drying tube.
- Three-way stopcock permits gentle venting without sample disruption.
- Control panel simultaneously displays the oven temperature and set temperature to 1°C.
- Press the up or down key to set the oven temperature.
- Temperature fluctuation is no more than  $\pm 1^\circ\text{C}$  at all operating temperatures.
- A sealed electric heater eliminates the need for volatile refluxing fluids.
- Control relay is solid-state to eliminate sparks and provide long life.
- Integrated safety guard protects user from heated components.

### PRODUCT SPECIFICATIONS

Operating Temperature Range °C:	Ambient to 175°C	Shipping Weight:	9 lb. (4.1 kg) without drying tube .2 lb. (0.9 kg) per drying tube
Sample Chamber:	3.2 cm inside diameter x 16.0 cm long	Vacuum Requirements:	Vacuum pump (not included)
Dimensions W x H x D:	9" x 4" x 8.6" (24 x 11 x 22 cm)		

### ORDERING INFORMATION

Model #	Description	Electrical (50/60 Hz)		US List Price
		Volts	Watts	
2001D <sup>1</sup>	CHEM DRY® Vacuum Oven	120	200	\$1,255.00
2002D <sup>1,2</sup>	CHEM DRY Vacuum Oven	230	200	\$1,255.00

Note: Drying tube assembly sold separately

<sup>1</sup> CSA, <sup>2</sup> CE

### ACCESSORIES

Model #	Description	US List Price
2003D	CHEM DRY Drying Tube Assembly	\$227.00