



**CST** *Cryo-Science  
Technologies*

# Accessories



## Liquid Cylinders

T-W Liquid Cylinders are used to supply and store liquid nitrogen with capacities up to 240 liters. Mini bulk and bulk options are available.



## Transfer Hoses

Transfer hoses are constructed of a flexible stainless steel suitable for the transfer of cryogenic fluids and are available in 4 ft. (1.2 m) or 6 ft. (1.8 m) lengths. Hoses are fitted with a 3/8 in. NPT male fitting and a CGA295 female fitting.

- 4' – CGA295 to 3/8" NPT .....P/N 1700-9C65
- 6' – CGA295 to 3/8" NPT .....P/N 1600-9C66



## Cryogenic Phase Separators

Designed to minimize hazardous splashing and vaporization, phase separators are available in three different sizes to accommodate transferring liquids into various open containers. The two larger phase separators are designed to fit the 3/8 in. NPT end of Taylor-Wharton transfer hoses.

- 2 3/4" x 1 3/8 OD, 3/8" – NPT .....P/N 1193-8C80
- 1 1/4" x 1 OD, 3/8" – NPT .....P/N 1193-8C82
- 2" x 1/8" – NPT .....P/N 1193-8C83



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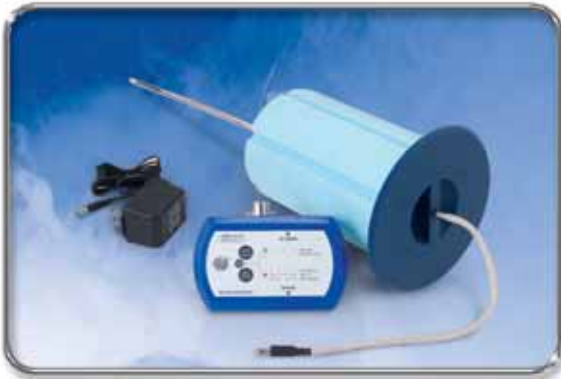


### Dippers and Measuring Rods

Safe and convenient LN<sub>2</sub> dippers available. The low conducting measuring rod will clearly show the LN<sub>2</sub> level of a dewar in inches and centimeters.

*Dipper* .....P/N R018-8C50

*Measuring Rod* .....P/N R033-8C11



### Low-Liquid Alarm

To protect valuable biological samples this alarm will sound promptly to alert you when more liquid nitrogen is needed. It is best suited for the infrequently used refrigerators and is recommended for stored product protection. It is equipped for battery operation. For use with XT20, XT34, HC20, HC34, HC35, VHC35, LS750, LS3000, LS4800 and LS6000.



### Liquid Withdrawal Device

The Liquid Withdrawal Device enables the LD25, LD35 or the LD50 to conveniently pressure transfer liquid nitrogen at rates up to 8 liters per minute. The low [10 psig (0.7 bar/69kPa)] assures safe dispensing through a phase separator or an accessory transfer hose. A smaller phase separator is available.



### Roller Base & Tipping Stand

The sturdy, aluminum, five-wheel roller base enables movement of refrigerators and dewars easily and safely. Choose from three sizes to fit either the 18.8 in (478 mm) dia., 15.6 in. (396 mm) dia., or the 26.7 in (678 mm) dia. units. The tipping provides mobility and assist in transferring liquid nitrogen for the LD25 dewar. Both include lockable casters.