



PRODUCT BROCHURE · SCIENTEMP

## Scientemp Model 85-1.7 Small Chest Freezer-45°C to-85°C with 1.7 Cu. Ft. Capacity

SKU 85-1.7-BASE · Cold Storage · ULT Freezers



### QUICK VIEW

Shop the Scientemp Model 85-1.7 Small Chest Freezer-45°C to-85°C with 1.7 Cu. Ft. Capacity (85-1.7-BASE). (Ultra Low Temp) ~-40°C To ~-80°C range. ...

#### VOLTAGE

**115V, 230V**

#### TEMPERATURE RANGE

**(Ultra Low Temp)  
~-40°C to ~-80°C**

#### SIZE / CAPACITY

**1.7 Cu. Ft. / 48L**

#### STYLE

**Upright**

#### SHIP WEIGHT

**316 lb**

#### SOURCING

**Authorized U.S.  
distributor**

Distributed by Legacy Lab Supplies

legacylabsupplies.com · (855) 746-7557 / 855-SHOP-LLS · quotes in 24 hours





# Scientemp™

## Low Temperature Freezer

### Model 85-1.7

|                        |                                  |
|------------------------|----------------------------------|
| Exterior Dimensions    | 36"H x 30"W x 24"D               |
| Interior Dimensions    | 13"H x 18"W x 12"D               |
| Temperature Range      | -45°C to -85°C / -50°F to -121°F |
| Capacity               | 1.7 cubic feet                   |
| Insulation             | Polyurethane                     |
| Door                   | Keyed Hasp Lock                  |
| Casters                | (4) 2" Locking                   |
| Temperature Controller | Digital Display                  |
| Alarm                  | Visual and Audible               |

\*\*Exterior height includes casters

\*\*Depth measurement includes hinges and handle.

### Refrigeration

|                     |                                      |
|---------------------|--------------------------------------|
| Compressor          | 1/4+ hp                              |
| Refrigerant         | R-513A High Stage / R-508B Low Stage |
| Voltage Options     | 115/60/1 - 230/60/1 - 230/50/1       |
| Refrigerant Control | Capillary Tube                       |
| Evaporator          | Cold Wall                            |
| Defrost             | Manual                               |
| Condenser           | Shell                                |
| Air Circulation     | Gravity                              |
| Running Amps        | 10 amps (115V)   5 amps (230V)       |

**Versatile Design**—Standard Models or we can custom design one that meets your needs

**Safety & Easy Access** - Counter-balanced lid with magnetic gasket. Brushed aluminum and thermoplastic tubular handle with separate Keyed Hasp Lock. Inner Styrofoam Sub-lids are included for additional

**Safe & Economical Insulation**— Our freezers are insulated using environmentally safe PFAS-free Ecofoam Polyurethane Foam.

**CFC Free Refrigerant** - All products are manufactured using CFC-free, non-toxic, non-combustible and non-ozone depleting refrigerant. Compressors are permanently lubricated and hermetically sealed for easy maintenance.

**Sturdy Construction** - Our cabinets are welded steel with a textured exterior / smooth interior powdercoat finish.

**Temperature Display** - Digital readout displays internal temperature and set point in either degrees Centigrade or Fahrenheit.

**Standard Visual / Audible Alarm System** - Alarm monitoring system indicates power on and displays visual / audible warning of rise in temperature and/or power failure.

**Casters / Locking Lid** - Locking 2" heavy duty swivel type casters and Key-Locking counterbalanced lid with magnetic gasket.

### Optional Accessories

- 6" Temperature Chart Recorder
- Calgrafix Software
- Voice Pager / Dialer
- Ramp / Soak Control
- Internal Heater and Internal Fan
- Stainless Steel Interior and / or Exterior
- Observation Window
- Access Ports (1", 2" or 4" are available)
- CO2 and LN2 Back-Up Systems

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[www.scientemp.com](http://www.scientemp.com)

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