



The Homogenizer Company™

Omni Cryo 24 Cooling Unit



> Operating Requirements

- > **Optimal Pressure of Compressed Air Source:** From 80 to 120 PSI
- > **Clean & Dry Compressed Air:** Purity 99.99%, water < 5 ppm
- > **Liquid Nitrogen Required Per Run:** 1 Liter max
- > **Liquid Nitrogen Consumption:** About 1 liter / 5 min. of homogenization time
- > **Dry Ice/Alcohol Mixture Required:** 0.5 L (16 oz.) of alcohol + 0.5 L (16 oz.) of dry ice
- > **Dry Ice Consumption:** About 1 Liter of mixture / 90 min. of homogenization time

> Specifications

- Length:** 13.5 in. / 34.3 cm (at base) & 8 in. / 20.3 cm (at top)
- Width:** 9 in. / 22.9 cm
- Height:** 11.5 in. / 29.2 cm (24 in. / 61 cm tall with lid open)
- Weight:** 16 lbs. / 7.26 kg
- Cryo Chamber Volume:** 1 Liter (2 quarts)
- Warranty:** One Year

The **Cryo 24** is the perfect companion to the **Bead Ruptor 24**. It efficiently keeps samples cool before, after & during processing. Used with liquid nitrogen or a dry ice/alcohol mixture, it maintains an average temperature of 4°C during homogenization.

This accessory is ideal for the extraction of any heat sensitive compound such as RNA, metabolites, enzymes, proteins, etc.

Compressed air travels through the Cryo chamber where liquid nitrogen or dry ice cool the air prior to moving it across the sample tubes.

Compressed air and liquid nitrogen or a dry ice/alcohol mixture are required to operate the Cryo 24.

> *For more information —*
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