

Omni BR Cryo

COOLING UNIT



*Protect heat sensitive samples
during homogenization*



OMNI
International
The Homogenizer Company®

Omni BR Cryo

The **BR Cryo Cooling Unit** is compatible with the Bead Ruptor 24 Elite and is designed to prevent the increase of sample temperature during the homogenization process. Friction generated through the bead milling process generates heat that is imparted to the sample. In order to maintain a constant processing temperature during homogenization, the BR Cryo passes chilled air (-100°C to -50°C) into the sample processing chamber and across the sample tubes to dissipate heat.



ORDER NO. 19-8005

Specifications

Dimensions: 29.2 (high) x 34.3 (deep at base) / 20.3 (deep at top) x 22.9 wide cm

Weight: 7.26 kg (16 lbs)

Cryo Chamber Volume: 1 Liter (1.056 quarts)

Warranty: One Year

Operating Requirements

Optimal Pressure of Compressed Air Source: 55 - 100 PSI

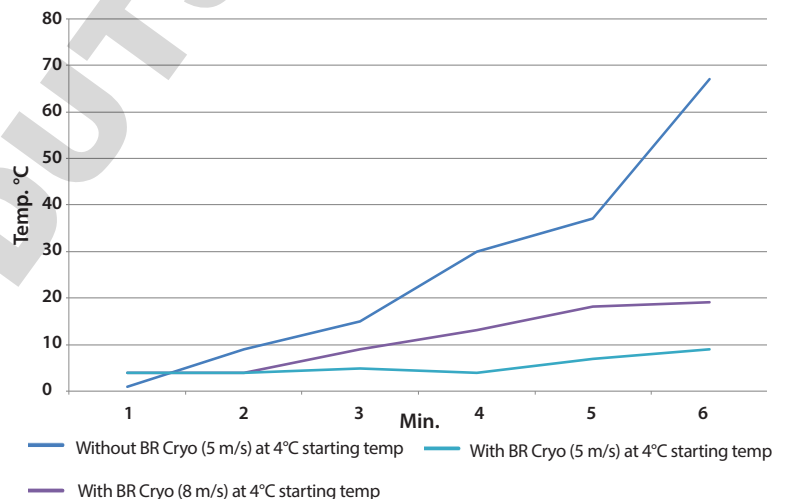
Clean & Dry Compressed Air: Purity 99.99%, water < 5 ppm

Liquid Nitrogen Required Per Run: 1 Liter max

Liquid Nitrogen Consumption: About 1 liter per 5 min. of homogenization time

Dry Ice/Alcohol Mixture Required: 0.5 L (16 oz.) of ethanol + 0.5 L (16 oz.) of dry ice

Dry Ice Consumption: 1 Liter of mixture per 90 min. of homogenization time



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