

CRYOMECH

Specification Sheet

PT410 Reliquefier

Reliquefied helium capacity	Liquefy \geq 10 L/day of helium from room temperature gas and re-liquefy and re-condense \geq 18 L/day of helium from a cryostat
Cool down time to liquid helium production	Less than 4 hours between start up and liquid helium production
Liquid helium return line connection	<u>Standard:</u> 0.50 in (12.7 mm) sealing gland <u>Custom:</u> available on request to match fill port of user's cryostat
Temperature controller connection	10-Pin electrical feed through
Mounting interface	8X 5/16-18 UNC - 2B; .335 in. (8.5 mm) deep *See PT410 Reliquefier drawing (bottom view)
Weight (with PT410 cold head)	75 lb (34 kg)
Dimensions	See PT410 Reliquefier drawing
<u>Shipping crate</u>	Wood box
Crate 1 (Reliquefier)	
Weight	260 lbs (118 kg)
Dimensions - L x W x H	69 x 43 x 36 in (175 x 109 x 92 cm)
Crate 2 (Compressor)	
Weight	505 lbs (229 kg)
Dimensions - L x W x H	48 x 40 x 38 in (122 x 102 x 97 cm)
Optional Equipment	
<u>Reliquefier stand</u>	
Weight	125 lbs (57 kg)
Dimensions - L x W x H	36 x 32 x 96 in (92 x 81 x 244 cm)
<u>Shipping crate</u>	Wood box
Crate 1 (Base assembly)	
Weight	260 lbs (118 kg)
Dimensions - L x W x H	48 x 40 x 38 in (122 x 102 x 96.5 cm)
Crate 2 (Main beam assembly)	
Weight	250 lbs (113.5 kg)
Dimensions - L x W x H	96 x 12 x 12 in (244 x 30.5 x 30.5 cm)