



CP-16 Cryopump

Cryo-Plex Cryopumps

Trillium's range of Cryo-Plex (CP) cryo pumps achieve a wide range of vacuum conditions in key applications - from small scale research to large space chamber applications. Cryo-Plex pumps feature a modular and scalable design, custom tailored to meet the unique challenges of any high, or ultra-high vacuum environment. Cryo-Plex pumps are an excellent choice for installation on new vacuum chambers, but are also fully compatible with similar sized CTI pumps and compressors, making them an ideal option as spares or replacements. Cryo-Plex pumps are available in ISO, CF, ANSI, and CVC standard sized flanges and can be packaged with a range of M-series compressors and accessories based upon your requirement.

COMPETITIVE

Attractive Pricing
Immediate Availability

HIGH QUALITY

Full Engineering Department
ISO-9001 Certified

COMPATIBLE

Fully Interchangeable with
CTI/Helix Product

WELL SUPPORTED

After Sale Service & Spares
From 3 US Service Centers

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CP-8LP Cryo-Plex



Cryo-Plex Cryopumps



CP-8 Cryo-Plex

Specifications	CP-8LP	CP-8
GAS PUMPING SPEEDS (LITERS/SECOND)		
Air	1,500	1,500
Water	4,000	4,000
Hydrogen	2,200	2,500
Argon	1,200	1,200
GAS CAPACITIES - STANDARD LITERS		
Argon	1,000 torr-liters	1,000 torr-liters
Hydrogen @ 5X10 ⁻⁶	12 torr-liters	18 torr-liters
THROUGHPUT		
Argon	700 scc/minute	700 scc/minute
Crossover	150 torr-liters	150 torr-liters
PHYSICAL SPECIFICATIONS		
Weight	42 lb. (19.1 kg)	45 lb. (20.4 kg)
Overall Height	7.03 inches (17.9 cm)	20.6 inches (52.4 cm)/ANSI 20.9 inches (53.1 cm)/CF 20.8 inches (52.7 cm)/ISO
Overall Depth	22.6 inches (57.4 cm)/ANSI 22.1 inches (56.1 cm)/CF 21.8 inches (55.4 cm)/ISO	14.4 inches (36.7 cm)/ANSI 13.8 inches (35.1 cm)/CF 13.7 inches (34.7 cm)/ISO
Width	7.1 inches (18.0 cm)	N/A
Maximum Flange Diameter / Standard	11.0 inches (27.0 cm)	11 inches (27.9 cm)/ANSI 10 inches (25.4 cm)/CF 9.5 inches (24.0 cm)/ISO
Inlet Flange Size / Standard	6 inch/ANSI 10 inch/CF NW 200/ISO	6 inch/ANSI 10 inch/CF NW 200/ISO
COOLDOWN TIME (ROOM TEMPERATURE TO 20 K)		
60 Hz	90 minutes	90 minutes



CP-10 Cryo-Plex

Specifications	CP-10	CP-16
GAS PUMPING SPEEDS (LITERS/SECOND)		
Air	3,000	5,000
Water	9,000	16,000
Hydrogen	5,000	5,000
Argon	2,500	4,200
GAS CAPACITIES – STANDARD LITERS		
Argon	2,000 torr-liters	2,500 torr-liters
Hydrogen @ 5X10 ⁻⁶	24 torr-liters	15 torr-liters
THROUGHPUT		
Argon	1,500 scc/minute	500 scc/minute
Crossover	300 torr-liters	300 torr-liters
PHYSICAL SPECIFICATIONS		
Weight	85 lb. (38.6 kg)	160 lb. (72.7 kg)
Overall Height	23.2 inches (59.0 cm)/ANSI 23.4 inches (59.4 cm)/CF 23.8 inches (60.3 cm)/ISO	23.6 inches (60.1 cm)/ISO 23.7 inches (60.3 cm)/CVC
Overall Depth	18.7 inches (47.4 cm)/ANSI 17.7 inches (44.9 cm)/CF 18.0 inches (45.8 cm)/ISO	19.7 inches (50.0 cm)/ISO 19.87 inches (50.2 cm)/CVC
Width	N/A	N/A
Maximum Flange Diameter / Standard	16 inches (40.6 cm)/ANSI 14 inches (35.6 cm)/CF 14.6 inches (37.0 cm)/ISO	17.7 inches (45.0 cm)/ISO 18 inches (45.7 cm)/CVC
Inlet Flange Size / Standard	10 inch/ANSI 14 inch/CF NW 300/ISO	NW 400/ISO 16 inch/CVC
COOLDOWN TIME (ROOM TEMPERATURE TO 20 K)		
60 Hz	90 minutes	150 minutes

ACCESSORIES



M Series Helium Compressors



Temperature Controllers



Helium Lines



Rough Pumps



NEW & REFURBISHED SYSTEMS | SPARE PARTS | SERVICE

Trillium is your single source for expert Service, Exchange, New & Refurbished Systems and Parts. With 3 nationwide locations, an in-house machine shop, and ready-to-ship inventory, customers love our short lead times and competitive costs. Plus, our ISO-9001 certified quality system and decades of expertise allow us to deliver top-notch products and services every time. Clients find us easy to do business with due to our sophisticated back office systems, customized weekly status reports, flexible pricing options, and our popular equipment buy-back program.



New, Exchange, Refurbished Units & Expert Service

Cryogenics



Cryogenic Spare Parts, Replacement Kits & Accessories

Cryogenic Accessories



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New Pumping Systems



Expert Service, Exchange & Refurbished Units

Other Pumping Systems



Factory Service, Parts & Support

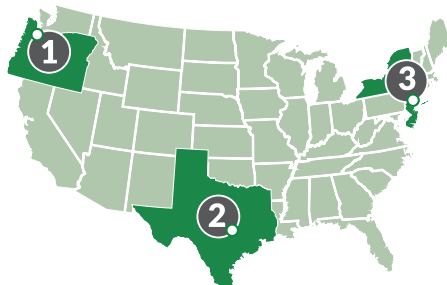
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