HCTM CO., LTD.

Clean Air Supply (CAS-01) & Diffusion Dryer (DD-01)

Clean Air Supply : CAS-01

Clean Air Supply, CAS-01 can provide clean and dry compressed air for aerosol experiments. The Water & Oil trap remove large water & oil drops included in the compressed air. Compressed air is then dried in the desiccant and dryer, then exhausted throughout the HEPA filter.

Specifications

- Maximum pressure : 6 kgf/cm^3
- Flow rate : 50 L/min (Max.)
- Dimension (LWH) : 450 x 240 x 400 mm (17.7 x 9.45 x 15.7 in)
- Weight : 10 kg (22.05 lb)



Diffusion Dryer : DD-01

DD-01 remove water vapors contained in the aerosol and dries-off water on the surface of the droplet. The Water & Oil trap mounted at the inlet of DD-01 removes large water & oil drops. Aerosols are dried by the diffusion of water vapor in the desiccant dryer filled with molecular sieve or silica gel.

Specifications

- Flow rate : 0 ~ 5 L/min
- Maximum pressure : 420 kPa
- Relative humidity : 20 % when incoming R.H. is 60 %
- Dimension (LWH) : 570 x 160 x 210 mm (224.4 x 6.3 x 82.7 in)



Clean Air Supply & Diffusion Dryer

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