

CLEAN DESK

 Laminar flow air with particulates removed by HEPA filter

OVERVIEW

Eliminating airborne contamination is highly important in many steps of device fabrication process. Many solar cell research laboratories are choosing clean desks over conventional clean rooms because of the simplicity and low cost.

CLD-7060 is a bench-top system and can easily be relocated. It provides laminar flow which passes through pre-filters and HEPA filters to eliminate airborne particles and create a clean flowing air.

FEATURES

- Low weight, bench-top clean desk
- Pre-filter to remove the larger dust
- HEPA filter to remove micron size particles
- Magnetic lock doors



SPECIFICATIONS

CLD Technical Specifications	
Model	CLD-7060I
Case material	Carbon steel, Electrostatic painted
Power	300 W
Fan	Radial forward (ebm-papst Germany)
Filter	HEPA filter, 99.99% @ 0.3 micron supply
HEPA filter dimensions	60 cm (L) x 30 cm (W) x 10 cm (H)
Light	Fluorescent lamp, 55 W, length 60 cm
Electrical panel	- On/Off keys of fan and lamp - Signal lights - Earthed socket 16 A - Circuit breaker 16 A
Timer	Indicating filter life
Air velocity	About 0.75 m/s
Air flow	About 500 m ³ /h
Noise level	60 dB at 1m distance 57 dB at 3m distance
Internal working area	69 cm x 59 cm
Weight	40 Kg