



PCR Cabinet LD-LPCR-A12

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Overview

PCR Cabinet LPCR-A12 features a slide glass window maximizing light and visibility for the workstation. Equipped with a washable pre filter and 0.3 µm HEPA filter with a speed adjustable airflow velocity ranging from 0.3 m/s to 0.5 m/s. Motorized front and side anti-UV window enclosure with an opening of 300 mm ensures user protection. Built-in preset 90 mins UV timer automatically switches off post 90 mins in preparation for next experiment. UV lamp can be switched "ON" only on closure of front window ensuring user safety.

Features:

- Motorized front and side windows
- HEPA filter - 0.3 µm
- Washable pre-filter
- LED screen displaying UV timer
- Efficient decontamination - 253.7 nm UV lamp
- Manual front and side anti-UV window enclosure
- Shelf with IV bar
- Built-in preset 90 mins UV timer
- Interlock function (UV lamp can be switched "ON" only on closure of front window)

Applications:

Used in biology and genetic labs to avoid cross contamination between samples, pre-amplification sample preparation to prevent DNA carry over

Specifications:

Caster	Feet levelling
Weight	170 kg
UV lamp	30 W x 1
Pre-filter	Washable Polyester fiber
HEPA filter	0.3 µm
Illumination	? 1000 Lux
UV lamp emission	253.7 nm
Illumination lamp	LED 12 W x 2
Power consumption	600 W
Main body material	Cold rolled steel with anti-bacteria powder coating
Work surface height	750 mm

Work table material	304 stainless steel
Maximum window opening	300 mm
UV lamp timer (preset)	90 mins
Shelf with IV bar material	Stainless steel
Front and side window opening	5 mm
Front and side window material	Anti-UV
External dimension (W x D x H)	1200 x 700 x 1770 mm
Internal dimension (W x D x H)	1100 x 595 x 550 mm
Front and side window orientation	Motorized
Airflow velocity (speed adjustable)	0.3 m/s to 0.5 m/s
Shelf with IV bar dimension (W x D x H)	502 x 150 x 50 mm