



PCR Cabinets

LPCR-A1 Series

PCR Cabinet LPCR-A1 series features a slide glass window maximizing light and visibility for the workstation. Equipped with a washable pre filter and 0.3µm HEPA filter with a speed adjustable airflow velocity ranging from 0.3m/s to 0.5m/s. Manual/ Motorized front and side anti-UV window enclosure with an opening of 300/320 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

- ▶ Manual adjustment of front window, fixed side window
 - ▶ HEPA Filter Efficiency 99.999% at 0.3 µm
 - ▶ LED screen to view reading (LPCR-A10)
 - ▶ LCD screen to view reading (LPCR-A11 to LPCR-A14)
 - ▶ Memory Function in case of Power failure
 - ▶ Side glass window maximizes visibility and light inside the cabinet
 - ▶ Two waterproof sockets located in back wall for convenience
 - ▶ Shelf with IV bar
 - ▶ Built-in pre-set 90 mins UV timer
 - ▶ Interlock function (UV lamp can be switched ON upon closure of the front window)
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Application

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

Specifications

Model No	LPCR-A10	LPCR-A11
Internal dimension (W x D x H)	900 x 595 x 560 mm	700 x 595 x 550 mm
External dimension (W x D x H)	1000 x 705 x 1770 mm	800 x 700 x 1770 mm
UV lamp	20 W x 2	20 W x 1
Illumination lamp	40 W x 1	LED 8 W x 2
Work surface height	750 mm	750 mm
Work table material	304 stainless steel	304 stainless steel
Main body material	Cold rolled steel with anti-bacteria powder coating	Cold rolled steel with anti-bacteria powder coating
Front and side window material	5 mm toughened glass window, anti-UV	
Front and side window orientation	Manual	Motorized
Maximum window opening	320 mm	300 mm
Pre-filter	Washable Polyester fiber	Washable Polyester fiber
HEPA filter	HEPA Filter With 99.999% Efficiency at 0.3 μ m	
Airflow velocity (speed adjustable)	0.3 m/s to 0.5 m/s	0.3 m/s to 0.5 m/s
Illumination	\geq 1000 Lux	\geq 1000 Lux
UV lamp emission	253.7 nm	253.7 nm
UV lamp timer (preset)	90 mins	90 mins
Shelf with IV bar material	Stainless steel	Stainless steel
Shelf with IV bar dimension (W x D x H)	502 x 150 x 50 mm	502 x 150 x 50 mm
Caster	Feet levelling	Feet levelling
Power supply	AC 220 V ; 50 Hz / 60 Hz	AC 220 V ; 50 Hz / 60 Hz
	AC 110 V ; 60 Hz	AC 110 V ; 60 Hz
Power consumption	300 W	400 W
Weight	150 kg	130 kg

Specifications

Model No	LPCR-A12	LPCR-A13
Internal dimension (W x D x H)	1100 x 595 x 550 mm	1200 x 595 x 550 mm
External dimension (W x D x H)	1200 x 700 x 1770 mm	1300 x 700 x 1770 mm
UV lamp	30 W x 1	30 W x 1
Illumination lamp	LED 12 W x 2	LED 12 W x 2
Work surface height	750 mm	750 mm
Work table material	304 stainless steel	304 stainless steel
Main body material	Cold rolled steel with anti-bacteria powder coating	Cold rolled steel with anti-bacteria powder coating
Front and side window material	5 mm toughened glass window, anti-UV	
Front and side window orientation	Motorized	Motorized
Maximum window opening	300 mm	300 mm
Pre-filter	Washable Polyester fiber	Washable Polyester fiber
HEPA filter	HEPA Filter With 99.999% Efficiency at 0.3 μ m	
Airflow velocity (speed adjustable)	0.3 m/s to 0.5 m/s	0.3 m/s to 0.5 m/s
Illumination	\geq 1000 Lux	\geq 1000 Lux
UV lamp emission	253.7 nm	253.7 nm
UV lamp timer (preset)	90 mins	90 mins
Shelf with IV bar material	Stainless steel	Stainless steel
Shelf with IV bar dimension (W x D x H)	502 x 150 x 50 mm	502 x 150 x 50 mm
Caster	Feet levelling	Feet levelling
Power supply	AC 220 V ; 50 Hz / 60 Hz	AC 220 V ; 50 Hz / 60 Hz
	AC 110 V ; 60 Hz	AC 110 V ; 60 Hz
Power consumption	600 W	400 W
Weight	170 kg	180 kg

Specifications

Model No	LPCR-A14
Internal dimension (W x D x H)	1400 x 595 x 550 mm
External dimension (W x D x H)	1500 x 700 x 1770 mm
UV lamp	40 W x 1
Illumination lamp	LED 12 W x 2
Work surface height	750 mm
Work table material	304 stainless steel
Main body material	Cold rolled steel with anti-bacteria powder coating
Front and side window material	5 mm toughened glass window, anti-UV
Front and side window orientation	Motorized
Maximum window opening	300 mm
Pre-filter	Washable Polyester fiber
HEPA filter	HEPA Filter With 99.999% Efficiency at 0.3 μ m
Airflow velocity (speed adjustable)	0.3 m/s to 0.5 m/s
Illumination	\geq 1000 Lux
UV lamp emission	253.7 nm
UV lamp timer (preset)	90 mins
Shelf with IV bar material	Stainless steel
Shelf with IV bar dimension (W x D x H)	502 x 150 x 50 mm
Caster	Feet levelling
Power supply	AC 220 V ; 50 Hz / 60 Hz
	AC 110 V ; 60 Hz
Power consumption	600 W
Gross weight	200 kg