

Technical datasheet

Vertical Clean Benches with Filter Monitoring

Vertical filtered-air workstations with filter-status alarms, differential-pressure indication, six air-speed settings and three work-area widths.



Image shows PT-LCB-011. Other models differ in width, filter size and lamp ratings; select the configuration from the model tables.

Key features

- LCD air-speed, pressure and filter-status indication
- Counterbalanced sliding window and 304 stainless worktop
- Standard UV / lighting interlock and service connections

Standard Configuration

Coated steel housing, 304 stainless steel worktop, centrifugal fan, HEPA filter and prefilter. LCD displays air speed, differential pressure, accumulated operation time, clock and filter status. Includes filter-condition alarms, six air-speed settings, counterbalanced sliding window, UV/lighting interlock, splash-resistant internal power outlet, gas and water connection ports, castors and levelling supports. Filter and lamp specifications are model-specific.

Optional Accessories

Confirm application, installation, filter testing, replacement filters and lamps, service-port fittings and final delivery in the quotation. Software and validation services are not specified as standard. No biosafety cabinet classification is stated.

Technical Information

Parameter	Value
Airflow direction	Vertical
Work-zone air-speed range	0.3-0.6 m/s
Listed HEPA efficiency at 0.3 μ m	99.995%
Listed noise level	≤ 67 dB
Work-area illuminance	≥ 300 lx
Electrical supply	AC 220 V ± 10 V / 50 / 60 Hz

Model	Work area (W $\times$ D $\times$ H, mm)	Input power (W)
PT-LCB-010	830 $\times$ 700 $\times$ 495	200
PT-LCB-011	1300 $\times$ 700 $\times$ 495	370
PT-LCB-012	1800 $\times$ 700 $\times$ 495	550

Technical Information

Model	Work area (W × D × H, mm)	External dimensions (mm)
PT-LCB-010	830 × 700 × 495	990 × 744 × 1680
PT-LCB-011	1300 × 700 × 495	1460 × 744 × 1680
PT-LCB-012	1800 × 700 × 495	1960 × 744 × 1680

Model	HEPA dimensions × count (mm)	Illumination: W × count	UV lamp: W × count
PT-LCB-010	800 × 604 × 50 × 1	20 × 1	20 × 1
PT-LCB-011	1270 × 604 × 50 × 1	24 × 1	30 × 1
PT-LCB-012	1770 × 604 × 50 × 1	20 × 2	30 × 1

Selection / Ordering Information

Specify the PRECETTA model, work-area dimensions, application and required service connections. Confirm utilities, installation, commissioning and final accessories before ordering.