

## LC 1100 WD - CLEAN ROOMS



OPTICS



CLEANROOM



EXPLOSIVE AND CONDUCTIVE DUSTS



UP TO FOUR STAGES  
OF FILTRATION



- ✓ Heavy duty steel construction
- ✓ Low noise level
- ✓ Compact and mobile
- ✓ High filtration efficiency
- ✓ Additional HEPA filter (99,995% on 0,18 micron) included
- ✓ Conceived for suction in cleanrooms
- ✓ In compliance with GMP standards, easy to clean and disinfect
- ✓ Autoclavable (up to 120°C, motor head excluded)
- ✓ Suitable for use in ISO4 clean rooms



### SUCTION UNIT

Voltage	V - Hz	230 - 50 1~
Power	kW	1,1
Max water lift	mmH <sub>2</sub> O	2.500
Max air flow	m <sup>3</sup> /h	180
Suction inlet	mm	40



### FILTER UNIT

Filter Type	Bag	
ULPA Downstream absolute filters	U15	
Surface - Diameter	cm <sup>2</sup> -mm	3.000 - 360
Material - Efficiency	IEC 60335-2-69	Polyester - M PTFE



### COLLECTION UNIT

Collection tank		
Solids capacity	l	40
Liquids capacity	l	25



### VOLUME

Dimensions	cm	43x43x73h
Weight	kg	27



## SUCTION UNIT

The suction is made by a carbon brush by-pass motor which is activated by an independent switch placed inside a robust metal motor head. The motor head is soundproofed by sound-absorbent material.



## FILTER UNIT

A floating device stops the suction whenever the liquid in the container reaches the maximum level and prevents overflowing.

Inside the AISI316 stainless steel filtering chamber there is a high efficiency filter. Two filters (one at the inlet, one at the outlet) of U15 efficiency guarantee maximum effectiveness in protecting the environment of the Clean Rooms.



## COLLECTION UNIT

The vacuumed material is collected into a wheeled steel container, which can be extracted for easy disposal and can be used with optional disposable bags, for safer and handier disposal



## OPTIONALS

- ✓ PRESSURE DIFFERENTIAL KIT FOR USE OF DISPOSABLE BAG