



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 ₂ O	2500
Max air flow	m ³ /h	180
Suction inlet	mm	40



FILTER UNIT

Filter Type		Bag
Inlet filter		U15
ULPA Downstream absolute filters		U15
Surface - Diameter	cm ² -mm	3000 - 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
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST