



# LC 1000 D - CLEAN ROOMS



CHEMICAL-PHARMACEUTICAL



ELECTRONICS



OPTICS



CLEANROOM



UP TO FOUR STAGES OF FILTRATION



- ✓ Heavy duty steel construction
- ✓ Low noise level
- ✓ Compact and mobile
- ✓ High filtration efficiency
- ✓ 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
Max water lift	mmH <sub>2</sub> O	2.900
Max air flow	m <sup>3</sup> /h	175
Suction inlet	mm	40
Noise level (EN ISO 3744)	dB(A)	70

## FILTER UNIT

Filter Type		Bag
Inlet filter		U15
ULPA Downstream absolute filters		U15
Surface - Diameter	cm <sup>2</sup> -mm	2.000 - 280
Material - Efficiency	IEC 60335-2-69	Polyester - M PTFE

## COLLECTION UNIT

Collection tank		
Solids capacity	l	5

## VOLUME

Dimensions	cm	36x33x51h
Weight	kg	20

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## SUCTION UNIT

The suction is generated by one through-flow motor, which operates thanks to the air that travels through the fan system and is discharged directly over the motor windings as it exits, so the air also provides cooling for the motor.



## FILTER UNIT

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