

*The air purifiers*

**TEKA**

# CleanMaster Basic 22



## Description

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Mobile suction device mainly used in almost all areas, in which dust, fumes and gases are produced. This includes laser emissions, cutting technology, milling technology, laboratory technology, adhesive technology, etc. The LMD 517 is best for soldering places. The ventilators are extra sound-proofed with special sound-proof mats. This means that the machine operates especially quiet and with a low-noise level.

The device is equipped with a air-intake spigot in diameter 200 mm. A robust steel sheet construction with continuous powder coat guarantees a low-maintenance operation, also under rough conditions. This filtering device is equipped with a pre-filter of the filter-class M5 separates the gross particles. After that the air will be guided through the submicron particulate filter H13 (separating performance 99.997%), where the last fine smokes and dusts will be separated. The last filter step is a impregnated active carbon filter cassette. By the soldering processing arises different gases and smells, which can only be absorbed by suited active carbon filters.

A filter sealing device, which guarantees absolute tightness and therefore the separating performance, is installed in the standard design. The withdraw of the filters follows up from the clean side of the filters. The user does not come into contact with the pollutants. An automatic filter control indicates, when a filter change is necessary. The device will be delivered plug-ready and with 5 m net cable.

## Properties

Main filter quantity:	1
Volumetric flow (m <sup>3</sup> /h):	2.000
max. pressure (Pa):	2,800
Engine power (kW):	2.2
Supply voltage (V):	400
Connection frequency (Hz):	50
Current consumption (A):	5
Vorfilter:	ISO 16890 ePM10 > 50% (F5)
main filter:	Filter cartridge
Filter class:	DIN EN 1822 - H13
final filter:	Activated carbon cartridge: 14 kg
Separation efficiency (%):	> 99.95
Ansaugstutzen (mm):	NW 200
Sound level (dB(A)):	68 – in accordance with DIN EN ISO 3744
Weight (kg):	200
Width (mm):	665
Depth (mm):	1,010
Height (mm):	1,280