The air purifiers

CleanMaster Basic 15



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Description

CleanMaster Basic 15

The **TEKA CleanMaster Basic 15** is an extraction system for laser fumes and soldering fumes with high air demand. It is used as a mobile or stationary unit, mainly on laser marking systems, at several manual soldering workstations and on soldering systems. The CleanMaster Basic 15 is the most compact model in the series.

At a glance

- **Three-stage filtration:** M5 pre-filter, HEPA H13 main filter, activated carbon
- **Fan:** high negative pressure, even with loaded filters
- **Connection:** spigot for suction hose or pipework
- **Housing:** sheet steel, fully powder-coated

Your benefits

- **For laser fumes and odours:** The activated carbon filter as the final stage absorbs gases and odours produced during laser processing and soldering.
- **Thorough filtration:** A large-area pre-filter retains coarser particles before the HEPA H13 filter separates the fine fumes and dust.
- **Consistent performance:** The fan with high negative pressure delivers a high air volume even when the filters are loaded. This allows good filter service life.
- **Tight filter seating:** A built-in filter lifting device ensures that the filters are seated tightly.
- **Safe operation:** The automatic filter monitoring shows when a change is due. A phase sequence indicator in the connection cable warns of incorrect fan rotation.

Applications

Laser marking and laser engraving, several manual soldering workstations, soldering systems with high air demand.

The operating instructions are available in the Downloads tab. Our overview page shows more systems for laser fume extraction.

Properties

Main filter quantity:	1
Volumetric flow (m³/h):	1.500
max. pressure (Pa):	2,800
Engine power (kW):	1.5
Supply voltage (V):	400
Connection frequency (Hz):	50
Current consumption (A):	3.5
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 150

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Properties

Sound level (dB(A)):	68 – in accordance with DIN EN ISO 3744
Weight (kg):	220
Width (mm):	665
Depth (mm):	1,010
Height (mm):	1,280

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