The air purifiers

CartMaster IFA for wall mounting



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Product No.: 97530

Description

CartMaster IFA for wall mounting

The **TEKA CartMaster IFA Wand** is a wall-mounted cartridge filter unit for up to two welding workstations and for long-lasting welding with heavy fume generation. With all TEKA extraction arms and extraction cranes, it is IFA-tested to DIN EN ISO 21904-1/-2 and meets welding fume separation class W3. This version has two NW 150 intake sockets for two extraction arms.

At a glance

- **IFA certified W3:** tested to DIN EN ISO 21904-1/-2
- **Power spray system:** fully automatic cleaning of the filter cartridges
- **Pre-separation:** copper baffle plate protects the filter cartridges
- **Connection:** two NW 150 intake sockets

Your benefits

- **For high-alloy steels:** The W3 certification covers fumes from welding-related cutting and joining processes on unalloyed and high-alloy chrome-nickel steels.
- **Low maintenance:** Cleaning is triggered by the degree of soiling, works with low cleaning pressure and without wear-prone rotating nozzles. After the fan is switched off, the control system cleans the cartridges once more.
- **Long service life:** The two dust class M filter cartridges are coated with a filter aid, so dust settles on the surface and is easy to clean off.
- **Easy disposal:** The cleaned-off particles drop into a dust collection container with quick-release fasteners.
- **Protected operation:** The control system detects an incorrect rotating field and switches the unit off for protection. A silencer on the fan reduces operating noise.

Applications

Welding workstations with heavy fume generation and long welding times, on unalloyed and high-alloy steels. The unit filters welding fumes and dry, non-explosive dusts.

Standard equipment

Two filter cartridges, power spray system with compressed air tank, automatic filter monitoring, operating hours counter, dust collection container with PE bag, silencer and wall console. A compressed air connection is required for cleaning. Extraction arms or extraction cranes are selected separately.

Options with IFA certificate

Start-stop automatic, lighting kit, switching on and off via the extraction hood and spark guard for the extraction hood.

The operating instructions, IFA certificate and flyer are available in the Downloads tab. Our overview page shows more systems for welding fume extraction.

Properties

Volumetric flow (m³/h):	3.500
max. pressure (Pa):	2,900
Engine power (kW):	2.2
Supply voltage (V):	400
Connection frequency (Hz):	50
Current consumption (A):	5.0
Automatic cleaning:	Yes
Pre-filter:	deflector plate

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Properties

main filter:	filter cartridge
Separation efficiency (%):	> 99
Sound level (dB(A)):	72 – in accordance with DIN EN ISO 3744
Weight (kg):	165
Width (mm):	665
Depth (mm):	681
Height (mm):	2,100
Colour:	RAL 7016

Replacement parts



Filter cartridge, type standard,
Product No.: 6160600110008



PE-bags (pack of 10) for
Product No.: 10030251



Exhaust ventilation hood diam. 150 mm
Product No.: 66200

Accessories



Exhaust ventilation hood, made from metal
Product No.: 104901



On/off switch via suction hood
Product No.: 96313321



Lighting for 1 suction arm incl. hood
Product No.: 96323

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Lighting for 2 suction arms/cranes
Product No.: 96324



Suction arm, 4m, diam.150mm
Product No.: 97603



Filter cartridge, type easy clean plus
Product No.: 6160600212508



Adapter for extraction hood; diam.: 150
Product No.: 66210



Adapter for extraction hood; diam 150 mm,
Product No.: 66220



Protection grille (finely woven) for installation
Product No.: 10372



Start-Stop Automatic
Product No.: 150010016



Master-Slave-Control 32A(incl. Transf. for 24V AC)
Product No.: 150010032



Mater-Slave-Control 16A (incl. Transf. for 24V AC)
Product No.: 15001001602

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Master slave junction box for controlling a motor
Product No.: 15001001604



Cartridge protection NANNOX P50
Product No.: 68130000100

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