The air purifiers

CareMaster IFA



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Product No.: 97300112

Description

CareMaster IFA

The **TEKA CareMaster IFA** is a mechanical mobile welding fume extractor. It filters fumes and dust produced during thermal joining and cutting of metals, for example when welding unalloyed steels and stainless steel. This version has an extraction arm with external joints.

At a glance

- **IFA tested W3:** with all TEKA extraction arms, also for high-alloy steels
- **Filtration:** baffle plate, large-area pre-filter mat, main filter
- **Filter monitoring:** optical and acoustic warning signal
- **Mobile:** on castors, supplied ready to plug in

Your benefits

- **Thorough filtration:** The baffle plate and large-area pre-filter separate coarse particles, and the main filter then separates fine fumes and dust.
- **Tight filter seating:** A built-in seal seating lifting device ensures that the filters are seated tightly.
- **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.
- **No disturbing draught:** The cleaned air exits upwards through an outlet grille at the rear. Even a short distance away, no disturbing air flow is noticeable.
- **Easy to position:** Thanks to the spring support inside the extraction arm, it can be moved into any position. The extraction hood with integrated throttle valve swivels freely in any direction and is self-supporting.
- **Everything in view:** An operating hours counter and an operating indicator light are standard.

Applications

Welding workstations for unalloyed steels and stainless steel, workshops and production plants.

Options

Activated carbon filter insert, automatic start/stop, lighting kit, on/off switch via the extraction hood, aluminium mesh pre-filter and spark protection grid for the extraction hood.

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

Properties

Main filter quantity:	1
Volumetric flow (m³/h):	2.500
max. pressure (Pa):	2,500
Engine power (kW):	1.1
Supply voltage (V):	400
Connection frequency (Hz):	50
Current consumption (A):	2.6
Current type:	3Ph+N+PE
Vorfilter:	ISO 16890 ePM coarse > 45%
Filter class:	DIN ISO 16890 ePM1 > 80%

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Properties

Sound level (dB(A)):	70 – in accordance with DIN EN ISO 3744
Weight (kg):	122
Width (mm):	665
Depth (mm):	681
Height (mm):	995
Colour:	RAL 7016
Diameter (mm):	150

Accessories



Wire mesh filter 610 x 610 x 15 mm in aluminium
Product No.: 100008



Hepa filter H13, 610 x 610 x 292mm
Product No.: 10030



Filter cassette H13, filter surface: 14m²
Product No.: 100357



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

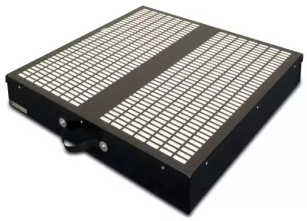


On/off switch via suction hood
Product No.: 96313321



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

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Activated carbon filter
Product No.: 97053



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

Replacement parts



Particle filter F9, 610 x 610 x 292 mm
Product No.: 10029



Pre-filter mats, pack of 10
Product No.: 10032



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

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