

*The air purifiers*

**TEKA**

# CareMaster IFA



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## Description

# CareMaster IFA

## TEKA CareMaster IFA – Mobile Extraction Unit for Clean Air During Welding

The **TEKA CareMaster IFA** is the ideal mobile extraction unit for professional welding applications. Designed to effectively eliminate welding fumes and fine dust, this powerful system ensures clean air in the workplace, enhancing the safety and health protection of your employees. With an **IFA certification** for welding fume class W3 and an impressive **separation efficiency of over 99%**, the CareMaster IFA is perfect for use with unalloyed and stainless steel materials.

### Your Benefits at a Glance:

- **Highly Effective Filtration Technology:** The CareMaster IFA features an M5 pre-separator and an F9 main filter, providing effective air purification.
- **Flexible & Mobile:** Its compact design and smooth-running casters make the CareMaster IFA ideal for use in different locations within workshops and production environments.
- **Easy Handling:** Thanks to intuitive operation and optional features such as automatic on/off switching or integrated lighting, the unit is particularly user-friendly.

### Efficient Air Purification for the Highest Demands

With a maximum fan capacity of **2,500 m<sup>3</sup>/h** and a pressure of up to **2,500 Pa**, the CareMaster IFA effortlessly handles even demanding applications. The purified air is returned directly to the work area, eliminating the need for additional ventilation. This not only saves energy costs but also makes the unit highly efficient.

Despite its powerful performance, the CareMaster IFA operates quietly with a **noise level of around 72 dB(A)**. The unit is designed to operate with a **400 V power supply** and has a robust construction that withstands the toughest working conditions.

### Ideal for:

- Welding workstations (unalloyed and stainless steels)
- Workshops and production environments
- Areas with high fine dust and fume exposure

**Optimize your work environment with the TEKA CareMaster IFA** – for maximum safety, clean air, and a healthy workplace.

*Discover now how the CareMaster IFA can sustainably improve your working conditions!*

## Properties

|                                      |                            |
|--------------------------------------|----------------------------|
| Main filter quantity:                | 1                          |
| Volumetric flow (m <sup>3</sup> /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                   |
| Pre-filter:                          | M5                         |
| Vorfilter:                           | ISO 16890 ePM coarse > 45% |

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## Properties

|                      |   |
|----------------------|---|
| main filter:         | Filter cartridge                        |
| Filter class:        | DIN ISO 16890 ePM1 > 80%                |
| Sound level (dB(A)): | 72 – in accordance with DIN EN ISO 3744 |
| Weight (kg):         | 122                                     |
| Width (mm):          | 665                                     |
| Depth (mm):          | 681                                     |
| Height (mm):         | 995                                     |
| Colour:              | RAL 7016                                |

## Replacement parts



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

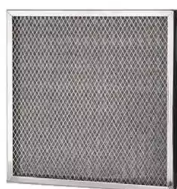


Pre-filter mats, pack of 10  
Product No.: 10032



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

## 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: 14m<sup>2</sup>  
Product No.: 100357



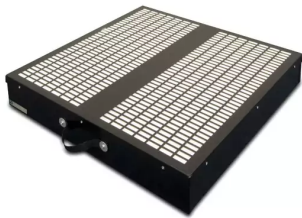
Exhaust ventilation hood, made from metal  
Product No.: 104901



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



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



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