

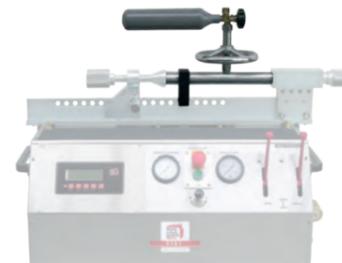


## CFA 1 Carbon dioxide filling unit Compact, accurate and flexible

### STRENGTHS AT A GLANCE

- **PRECISE, SAFE AND LOW-COST FILLING SMALL AND MEDIUM-SIZED CO<sub>2</sub> CONTAINERS**
- **DIGITAL SCALES WITH ELECTRICAL DEACTIVATION UPON REACHING THE FILLING WEIGHT**

• The **CFA 1** is an accurate and safe carbon dioxide filling unit for small and medium-sized CO<sub>2</sub> containers. Working with this system is economical because all working processes are precise and can be completed in a short amount of time. The controls are clearly configured. A particular advantage is the low operating noise of the system and the sturdiness of the high-grade steel housing.



• Art. No. 186103

Filling head F2 for exterior CO<sub>2</sub> cylinders with turning valve up to 300 g.



• Art. No. 186104

Filling head F3 for 2 to 6 kg CO<sub>2</sub> fire extinguishers, e.g. 2 kg.



• Art.-No. 186104

Füllkopf F3 für 2 bis 6 kg CO<sub>2</sub>-Feuerlöscher, z. B. 6 kg.



Our **CFA 1** is very compact as well as extremely flexible. It is used to fill small and medium-sized CO<sub>2</sub> containers: interior CO<sub>2</sub> cartridges, exterior CO<sub>2</sub> cylinders with turning valve as well as CO<sub>2</sub> fire extinguishers or CO<sub>2</sub> cylinders up to 6 kg. The universal filling head F1 is used for interior CO<sub>2</sub> cartridges, the filling head F2 as an accessory for exterior CO<sub>2</sub> cylinders with turning valve, and the filling head F3 as an accessory for CO<sub>2</sub> fire extinguishers and cylinders from 2 to 6 kg. The **CFA 1** has an integrated digital scales.

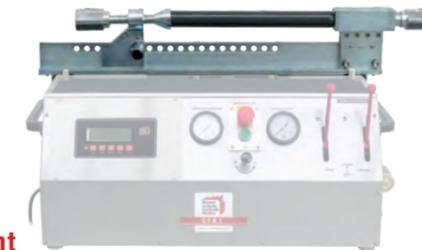
### Clamp in next to no time

You can ensure the supply of the system via CO<sub>2</sub> cylinders with riser pipe, CO<sub>2</sub> cylinder bundles or CO<sub>2</sub> medium pressure tanks (approx. 50 bar). A high-grade steel filter at the system inlet protects the pump from impurities from storage bottles or the CO<sub>2</sub> tank.

The CO<sub>2</sub> cartridge is mounted in a trice thanks to the ratcheting rough adjustment and fine adjustment via threaded spindle with turning handle.



- The universal filling head F1 for interior CO<sub>2</sub> cartridges with standard flange attachment No.1 and the CO<sub>2</sub> connection hose for supplying the system are included in the product range.



### Always the exact filling weight

With the standard filling power control you can achieve the exact filling weight even with small cartridges. This can be programmed on the digital scales. The scales are tared at the press of a button. Start the filling process by opening a ball valve and pressing the pushbutton; the filling process ends automatically when the filling weight is reached. You only have to close the valve of the filled container and the filling ball valve. Filling pressure and input pressure are monitored at the two manometers of the system.

Accessories can be found on [pages 70-71](#)

T E C H N I C A L D A T A

### CFA 1

(EN ISO 12100-1, EN ISO 12100-2, EN 60204)

Art.-No. 186122



**Electric motor:** 230 V, 50 Hz, 0.75 kW, 1440 min<sup>-1</sup> special voltages and other frequencies on request.

**Electric cable feed line:** 5 m cable feed line 230 V: H07RN-F 3 G 1.5 mm<sup>2</sup>, oil and acid resistant.

**Filling power:** 2.5 kg/min.  
Mech. safety valves: 130 bar.

#### Dimensions:

Height [mm]: 500.

Width [mm]: 985.

Depth [mm]: 425.

**Weight [kg]:** 80.

**Housing:** High-grade steel.

IP rate: IP54

Subject to technical modifications / 03-2020

CFA Basic

CFA Mobil

CFA1

CFA 2

CFA 3

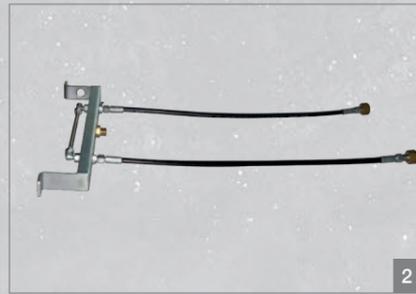
CFA 4

CFA 5

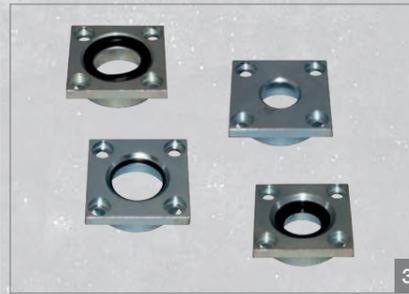
CFA 5-2W



1



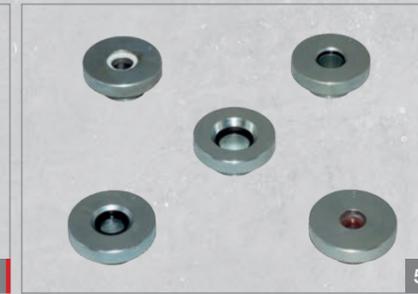
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9



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11



12

# AVAILABLE ACCESSORIES

## CFA Carbon dioxide filling unit

PHOTO SHOWS OPTIONS AND ACCESSORIES AT EXTRA CHARGE

1 Art.-No. 186330

### Holder and collective line

Cylinder holder for a CO<sub>2</sub> supply cylinder

2 Art.-No. 186106

### Collective line

Collective line for 2 CO<sub>2</sub> supply cylinders with riser pipe. Available with up to 6 connections

3 Art.-No. 186108

### Flange attachments

Flange attachment for filling CO<sub>2</sub> cartridges, suitable for filling head F1B (please specify make and type of the fire extinguisher)

4 Art.-No. 186105

### Closing devices

Closing devices for different CO<sub>2</sub> cartridges suitable for filling head F1B and F1M (please specify make and type of fire extinguisher)

5 Art.-No. 186114

### Flange attachmentse

Flange attachment for filling CO<sub>2</sub> cartridges, suitable for filling head F1M (please specify make and type of the fire extinguisher)

6 Art.-No. 186171

### Switchgear unit

Switchgear unit for the selection of 3 freely programmable cut-off weights

7 Art.-No. 187217

### Quick action filling connector

Quick action filling connector with filling and release ball valve

8 Art.-No. 187275

### Thermal transfer printer

As an option, a thermal transfer printer for PE film labels can be attached to the machine. The printed label contains the date, time, weight (tare, net and gross) as well as an identifier of the filler

9 Art.-No. 186915

### Flatbed floor scales

Flatbed floor scales for CO<sub>2</sub> cylinders up to 50 kg, including filling armature, high pressure hose

10 Art.-No. 186670

### Digital floor scales

Digital floor scales with automatic deactivation weighing range: 0 - 60 kg, for CO<sub>2</sub> cylinders up to 20 kg. (without cylinder) Art. No. 186677 (calibrated)

11 Art.-No. 186155

### Supplementary Unit Digital II

Supplementary unit Digital II with automatically deactivating scales and filling head F1B for interior CO<sub>2</sub> cartridges

12 Art.-No. 186158

### Floor - weighing platform for CO<sub>2</sub> cylinders up to 20 kg

13 Art.-No. 186331

### Worktable (not pictured)

14 Art.-No. 186333

### Tool board for worktable (not pictured)

