

TECHNICAL DATA

**CFA 5**  
Dimensions:

	Pump stand	Control desk with support	Floor scales with access ramp
Height [mm]:	605	1035	1000
Width [mm]:	845	500	600
Depth [mm]:	610	505	995
Weight [kg]:	98	37	44
<b>Art. No. 186170</b>			
Weight [kg]:	100	37	44
<b>Art. No. 186173</b>			
Weight [kg]:	136	37	44
<b>Art. No. 186172</b>			

## CFA 5 Carbon dioxide filling unit Precise and safe

### STRENGTHS AT A GLANCE

- HIGH FLEXIBILITY THROUGH MODULAR DESIGN
- THREE DIFFERENT FILLING POWER VARIANTS
- HIGH PROCESS RELIABILITY
- FILLING MACHINE FOR FILLING FROM THE LIQUID PHASE

The carbon dioxide filling unit CFA 5 has been designed for precise CO<sub>2</sub> filling from the liquid phase. This unit fills cryogenic carbon dioxide from low pressure tanks (15 to 20 bar) into CO<sub>2</sub> cylinders up to 50 kg.



• The floor scales platform for CO<sub>2</sub> cylinders up to 50 kg is part of the system. Cylinder holder, access ramp, filling armature and high pressure hose are included. The weighing range is from 0 to 150 kg.



Our carbon dioxide filling unit CFA 5 has been designed for filling from the liquid phase. It precisely fills cryogenic carbon dioxide from low pressure tanks (15 to 20 bar) into CO<sub>2</sub> cylinders up to 50 kg. It has a pump stand, a control desk and an electronic floor scales. The CFA 5 operates with high process reliability. Short set-up times and fast working speeds guarantee efficient and streamlined work.



• The filling process is programmed and controlled at the freely placeable and height adjustable control desk of the CFA 5.

### Flexible application possibilities

The modular design of the CFA 5 allows you to place the pump stand directly at the CO<sub>2</sub> tank, away from the control desk and the scales. This enables you to adapt the system to your local circumstances. The control desk is connected to the pump stand via a CO<sub>2</sub> supply line and a control cable. The carbon dioxide moves constantly during system operation:



• The filling armature of the CFA 5 has one filling and one release ball valve and can be attached to the CO<sub>2</sub> cylinder as well as to the scales platform as necessary.

It is removed in liquid form from the cryogenic tank and either pumped from the pump stand back into the tank or into the CO<sub>2</sub> cylinder to be filled. Program the filling weight on the digital scale and press the pushbutton to tare the scale. The filling process ends automatically as soon as the programmed filling weight is reached.



TECHNICAL DATA

**CFA 5**  
(EN ISO 12100-1, EN ISO 12100-2, EN 60204)

**Art.-No. 186170** CE  
Electric motor: 1.5 kW, 400 V, 50 Hz, 1400 min<sup>-1</sup>  
Filling power: 5 kg/min.

**Art.-No. 186173**  
Electric motor: 2.2 kW, 400 V, 50 Hz, 1400 min<sup>-1</sup>  
Filling power: 8 kg/min.

**Art.-No. 186172**  
Electric motor: 4.0 kW, 400 V, 50 Hz, 1400 min<sup>-1</sup>.  
Filling power: 15 kg/min.  
Special voltages and other frequencies on request. **Electric cable feed line:** 5 m cable feed line H07RN-F 5 G 1.5 mm<sup>2</sup>, oil and acid resistant.  
**Electr. pressure switch:** 100 bar. **Mech. safety valves:** 1 x 130 bar. + 1 x 80 bar.  
Freely programmable electronic floor scales.  
**Colour:** RAL 7032 pebble grey.  
**IP rate:** IP54

CFA Basic

CFA Mobil

CFA1

CFA 2

CFA 3

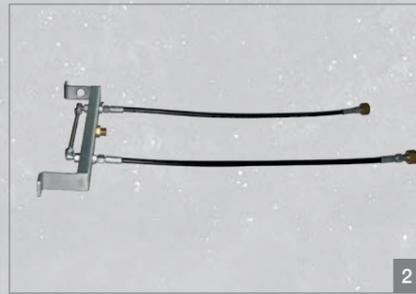
CFA 4

CFA 5

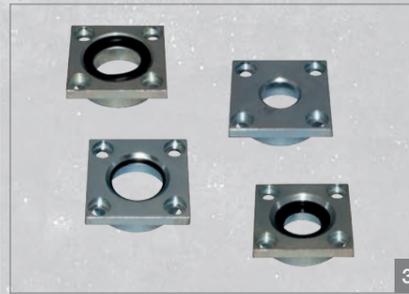
CFA 5-2W



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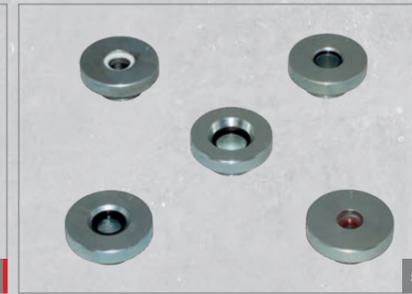
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# AVAILABLE ACCESSORIES

## 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)

