



CFA 2 Carbon dioxide filling unit One solution for all containers

STRENGTHS AT A GLANCE

- CONTINUOUSLY ADJUSTABLE FILLING POWER THROUGH SPEED-CONTROLLED MOTOR
- DIGITAL SCALES WITH ELECTRICAL DEACTIVATION UPON REACHING THE FILLING WEIGHT

• The CFA 2 is a carbon dioxide filling unit with adjustable filling power and speed-controlled motor. The universal filling head F1M is mounted to an electronic load cell. The operating panel has an ergonomically favourable layout.



• The filling head F1M for interior CO₂ cartridges with standard flange attachment No. 1 and the CO₂ connection hose for supplying the system are included in the product range.

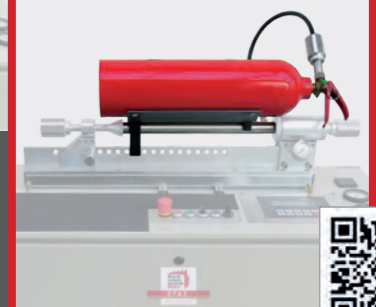
• Art. No. 186103

Filling head F2 for exterior CO₂ cylinders with turning valve up to approx. 300 g.



• Art. No. 186104

Filling head F3 for CO₂ fire extinguishers up to 6 kg, e.g. 6 kg.



• Art. No. 186104

Filling head F3 for CO₂ fire extinguishers up to 6 kg, e.g. 2 kg.



The CFA 2 is our all-round talent: Apart from interior CO₂ cartridges, exterior CO₂ cylinders with turning valve and CO₂ fire extinguishers or CO₂ cylinders up to 6 kg, it also fills CO₂ cylinders up to 50 kg with a separate floor scales platform.

The F1M universal filling head is used for interior CO₂ cartridges, the F2 filling head as an accessory for exterior CO₂ cylinders with turning valve, while the F3 filling head is useful as an accessory for CO₂ fire extinguishers and cylinders up to 6 kg.

• The CFA 2 can be supplemented by a thermal transfer printer for PE film labels. (Option /surcharge)



Art.-No. 187275

• With the optional floor scales platform you can fill CO₂ fire extinguishers or CO₂ cylinders up to 50 kg.

Very accurate filling process

You can ensure the supply of the system via CO₂ cylinders with riser pipe, CO₂ cylinder bundles or CO₂ 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 CO₂ tank. Program the filling weight



on the digital scale and press the pushbutton to tare the scale. This weighing technique enables a very exact filling process.

Full control during the filling phase

Pressing a pushbutton opens the filling solenoid valve, which fills the CO₂ container by means of a speed-controlled plunger pump. When the filling weight is reached, the filling process automatically shuts off. The valve of the filled CO₂ container must be closed. Filling pressure and input pressure are monitored at the two manometers of the system. You can monitor the rising of the CO₂ filling weight on the scale and adjust the filling speed to the container size via the speed control.

Optional printer

The CFA 2 can be supplemented with a thermal transfer printer for PE film labels. The printed label contains the date, time, weight (tare, net and gross) as well as an identifier of the filler.

TECHNICAL DATA

CFA 2

(EN ISO 12100-1, EN ISO 12100-2, EN 60204)
Prepared for connection to the floor scales platform.

Art.-No. 186112



Without connection option for floor scales.

Art.-No. 186125

Electric motor: 230 V, 50 Hz, 1.5 kW, 1400 min⁻¹
Special voltages and other frequencies on request.

Electric cable feed line: 5 m cable feed line H07RN-F 3 G 1.5 mm², oil and acid resistant.
Filling power: max. 4 kg/min.

Electric pressure switch: Cut-off pressure 130 bar. Mech. safety valves: 2 x 150 bar.

Dimensions: Height [mm]: 1070, width [mm]: 1320, depth [mm]: 460. Weight [kg]: 141.

Colour: RAL 7032 pebble grey, hammer finish.
IP rate: IP54



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 CO₂ supply cylinder

2 Art.-No. 186106

Collective line

Collective line for 2 CO₂ supply cylinders with riser pipe. Available with up to 6 connections

3 Art.-No. 186108

Flange attachments

Flange attachment for filling CO₂ 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 CO₂ 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 CO₂ 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 CO₂ 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 CO₂ 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 CO₂ cartridges

12 Art.-No. 186158

Floor - weighing platform for CO₂ cylinders up to 20 kg

13 Art.-No. 186331

Worktable (not pictured)

14 Art.-No. 186333

Tool board for worktable (not pictured)

