

# All about



Besides CO2 Cartridge / Cylinder Filling Systems we also manufacture and supply:

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- Ancillary CO2 Equipment

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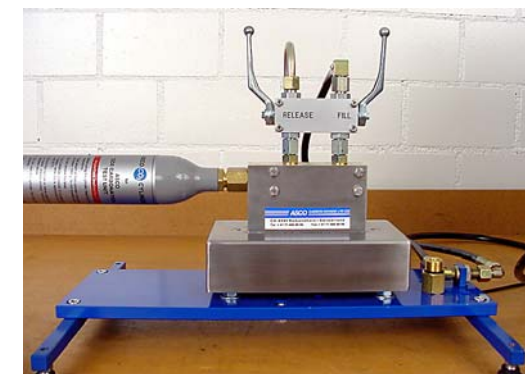
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## CO<sub>2</sub> - Cartridge / Cylinder filling system Type HH110AS



The compact **ASCO** CO2 Cartridge / Cylinder filling system type HH110AS is designed for easy and accurate filling of small high pressure CO2 cartridges or cylinders from standard high pressure liquid CO2 cylinders. The system is supplied ready for immediate use.



CO2 cartridges / cylinders filled on a very accurate scale (2 gr accuracy).



Digital weighing display with automatic shut-off when preset weight is reached.



Complete compact filling system type HH110AS.



Platform kit for small CO2 cylinders. (optional)



Various cartridges/cylinders can be filled.

**Technical description:**

Filling unit with pump:

- Very robust pump built into stainless steel cabinet, with service door
- Electronic control and filling with automatic stop when preset filling weight is reached
- Automatic zero-adjustment
- Filling weight setting via digital indicator
- Two pressure gauges showing CO2 supply and filling pressures
- CO2 inlet filter
- Emergency "stop" button
- 2 m electrical connection cable
- Two CO2 high pressure hoses to interconnect CO2 cylinder and filling unit
- Safety valve 130 bar

Scale with filling adapter:

- Scale with load cell (in steps of 2 grams)
- Two different filling adapters for Soda Club/Soda Stream, Soda Fresh and 1/2" BSP
- Additional adapters are available on request
- Complete scale and filling unit is built on a robust base frame.
- Filling and discharge valves.
- Platform kit for CO2 Cylinders with a gross weight of max. 10 kg (optional)

**Technical Specification:**

CO2 Source:	CO2 Cylinder with siphon tube inside
Pump capacity (continuously):	approx. 150kg/hr
Filling capacity (example):	1 cartridge of 450 gr in approx. 15 seconds
Max. Differential pressure:	90 bar
Max. operating pressure:	130 bar
Motor:	1.1 kW
Voltage:	400 V, 50 Hz, 3 Ph (other voltages on request)
Pump dimension / weight:	605 x 403 x 501 mm (w x d x h) / approx. 48 kg
Scale dimension / weight:	500 x 362 x 370 mm (w x d x h) / approx. 11 kg
Platform kit dimension / weight	250(420) x 200 x 320 mm (w x d x h) / approx. 3 kg



**Easy to use !**

**Filling steps:**



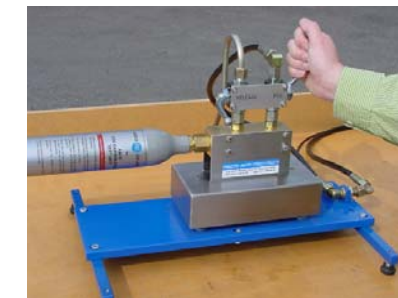
1. Set exact CO2 filling weight for cylinders to be filled.



2. Empty cartridge/cylinder with device included with system.



3. Connect cartridge to filling head.



4. Open filling valve.



5. Press start button and wait until cartridge is full. Pump stops then automatically.



6. Close filling valve



7. Open release valve for one second and close it again.



8. Disconnect cartridge.



9. Check filled weight on separate scale (option).