

CO₂ cylinders filling station

For liquid CO₂ from a cryogenic tank

A SIMPLE, AUTOMATED AND PERSONALIZED SYSTEM FOR FILLING CO₂ CYLINDERS



The stations of the FCD series permit to fill cylinders and extinguishers with liquid CO₂ transferred from a cryogenic tank. The filling process can be carried out under manual or automatic control according to the type of unit purchased.

A wide range of accessories permit to optimize the filling operations, and adapt the filling station to various requirements. This allows to comply with small and large requirements.

The FCD series makes it possible for a single operator to fill the cylinders on one or two scales, maybe while filling packs on another scale at the same time. Depending on the model, by setting the quantity of product to be transferred, filling will automatically stop once the right weight has been reached.

COMPONENTS AND DEVICES

- > Piston pump 103 or RPSA series
- > Filling unit model FCD22 or FCD222
- > Electric control panel for pump and station
- > Filling control scales
- > Pneumatic locking vices during cylinders filling
- > Installation footboard



RECOMMENDED CONFIGURATION

- > Pump model 103DT: in two different flow rates to adjust flow transfer to the cylinder or extinguisher capacity.
- > Automatic FCD222 unit: to perform the filling operation on two scales with automatic stop once the right weight has been reached
- > n.2 scales BE150/50 FP600 model
- > n.2 pneumatic vices AIR4/BIL to be mounted on BE150 scales
- > n.2 walkable grid footboard

NOTE: Upon request the FCD station can be realized for N 2 O or other liquid or refrigerated gases.

