CO₂ Cylinder Filling Unit

Cylinder Filling Unit

The Cylinder Filling Unit consists of a high pressure cylinder filling pump with a capacity of 600 kg/hr connected to the CO₂ storage tank in a by-pass system. The filling of CO₂ cylinder is done on an electronic scale, which automatically stop the filling at a preset quantity. When the filling of cylinder stops, the CO₂ is circulated back to the CO₂ storage tank.

For easy operation the cylinder is connected to the filling system with a quick coupling. The correct filling amount of CO₂ is adjusted on the scale.

The scale is supplied with an electronic weighing control system, with various facilities, such as automatic zero control, auto-tare for registering known tare, output for printer or computer with indication of e.g. hour, item no., customer no., and dispatch no. The scale graduation is 20 g.