

# Gravimetric dosing

*for weighing and dosing in the system*

*Components or complete solution*

Flexible integration capacity, network connectivity and maximum system accuracy of Soehnle Professional Terminals ensure precise control of faster weighing and dosing processes.

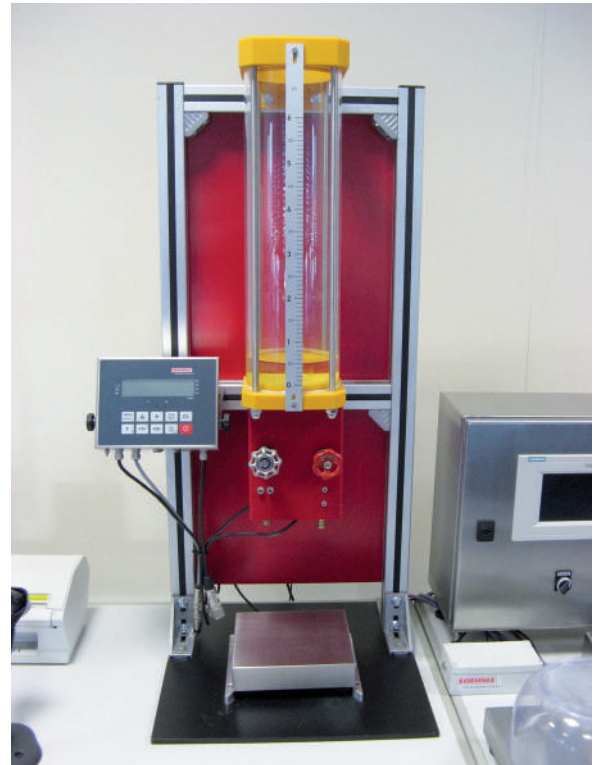
## Example of simple dosing system 3010

Simple solution of a dosing task with coarse and fine flow including automatic overshoot optimization:

A basic terminal 3010 with I/O card is sufficient for the implementation of this filling station.

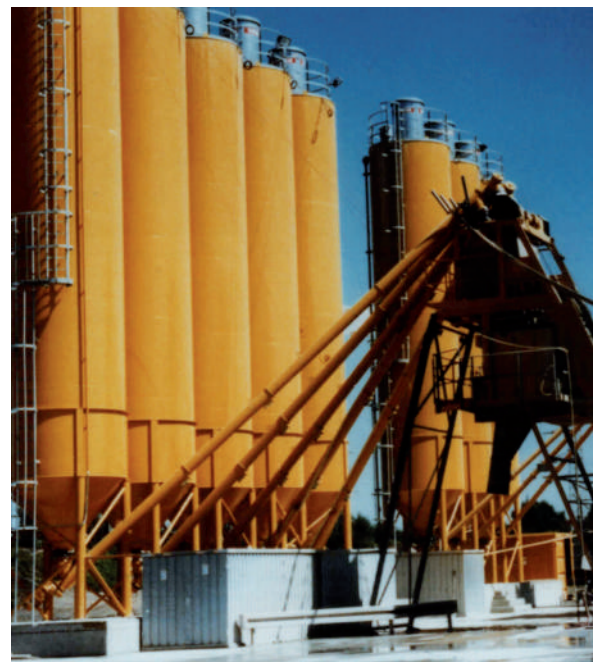


Complete filling dosing system for fire extinguishers



## Characteristics

- > Independent or connected dosing
- > All dosing (e.g. coarse and fine dosing, overshoot optimization, withdrawal weighing)
- > Sequential single or multicomponent dosing
- > Fields of application (chemistry, plastic, building materials, foodstuffs) in material preparation and processing industries



Silo weighing

**Example of complex dosing system**

Fully automatic weighing and dosing system consisting of 4 Soehnle weighing units, with PLC control and bus connections to create recipes as withdrawal weighing from four storage containers.

**Example of big bag weighing**

Example: Weighing platform with big bag hanger and integrated vibrator for compression of the filling material

**Load cell module for silo weighing****Simple shear beam SPS34B with built-in module**

- > Simple assembly without dummy load cell
- > Self-centering load input element
- > Integrated lift-off-protection
- > Horizontal pendulum limit
- > Tilt protection for horizontal forces such as wind power (individual design)
- > Metal parts galvanized
- > Robust model

**Double shear beam SDE90 with built-in module****Nominal load up to 250 klb**

- > Self-centering load input element
- > Integrated lift-off-protection
- > Horizontal pendulum limit
- > Tilt protection for horizontal forces such as wind power (individual design)
- > Metal parts nickel-plated steel
- > Robust model

