

SCCO2 Multitank Unit "OTG.SCCO2.MultitankUnit.SS316"
Introduction
Separator:

The unit is designed to separate contaminations from a transporting CO₂ flow. As an add-in to the existing SCCO₂ flushing unit, this unit makes it possible to raise the original flow of CO₂ from 120 $\frac{\text{kg}}{\text{hr}}$ to 400 $\frac{\text{kg}}{\text{hr}}$.

The unit uses heat to evaporate the contaminated CO₂, coming from the SCCO₂ unit. By evaporation, the fluid CO₂ is separated from the contaminations, which falls to the bottom of the tank.

Heater:

The Heater/Cooler unit is a double purposed heat exchanger, designed to either heat or cool CO₂, using oil or coolant. Furthermore, can the unit store up to 70 L, of the heated or cooled media inside the vessel.

OTS item number.: 9000-509

Version: 1.0


Features

- Flanged for easy access to tank
- Stainless steel 316
- Separator can handle oil, and CO₂.
- Heater can handle oil, coolant, and a media to be heated/cooled

Safety features

- Complies with PED 2014/68/EU
- Pressure safety valve
- Design code: EN 13445: 2014
- EC directive 2006/42/EC (Machinery directive)

Capacity & performance
Separator

Vessel pressure	Max. 100 bar
Coil pressure	Max. 10 bar
Jacket pressure	Max. 10 bar
Temperature range	Max. 140 °C

Heater

Vessel pressure	Max. 100 bar
Coil pressure	Max. 400 bar
Jacket pressure	Max. 10 bar
Temperature range	-80/140 °C

Weight & dimensions

Length	1100 mm
Width	600 mm
Height	2130 mm
Gross Weight	450 kg
Operational Weight	534,7 kg

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