



GAS TREATMENT

TMA 65

1



- + Compact version of a fully-featured gas treatment system in a robust case
- + Can be used as a portable or stationary gas treatment system
- + Adjustable output dew point and alarm thresholds
- + Gas cooler with 80 kJ/h nominal capacity
- + Optional: Humidity probe with bypass valve, rotameter
- + With connection for 1 heated line (no control or controlled)
- + Ready to operate after approx 10 minutes

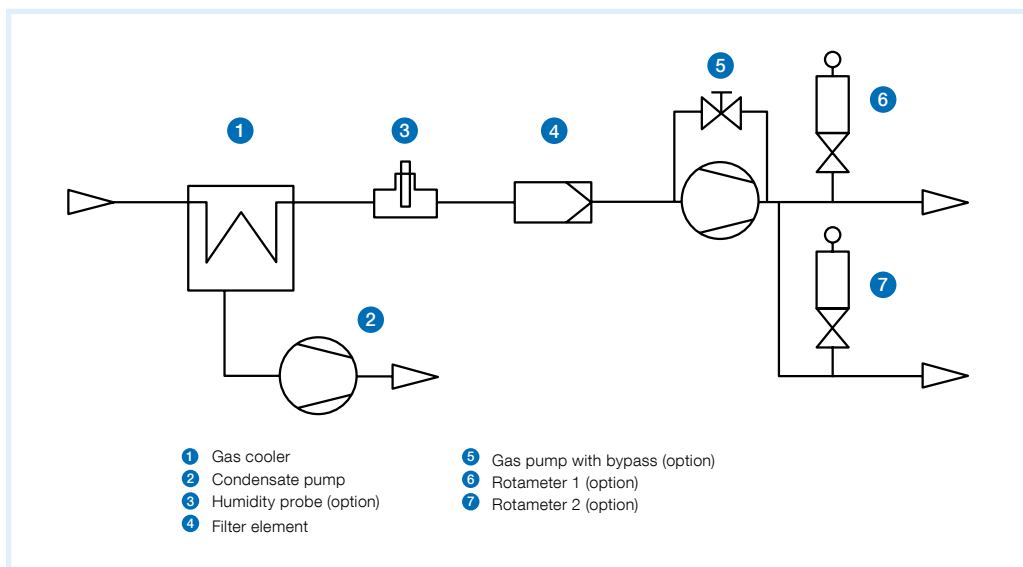


Application

Portable gas treatment system for performing accurate gas analyses at changing sites with different analysis devices. Especially for long-term or continuous measurements and measurements involving pollution and/or condensate. Decisive for precise and reproducible measurement results.

The base version of TMA 65 consists of a gas cooler with condensate pump and filter. Irrespective of the ambient temperature, the gas cooler cools the gas down to the adjusted dew point. A safety circuit only releases the gas pump when the cooler has reached its point of operation. The gas cooler and the filter element are adapted to condition corrosive gases. With the optional gas pump with bypass valve and the flow meters, it is possible to supply up to two gas outlets individually. The function "cold start" enables fast use even at a storage temperature of less than 5 °C.

Gas flow chart

**Technical data** **Operating temperature range**

Ambient: 5/50 °C

Gas outlet dew point:

Adjustable: 2/20 °C

Factory setting: 5 °C

Alarm thresholdsAdjustable, -3/-1 K and 1/7 K
(around dew point)**Gas flow**

Approx. 50/280 l/h

Operating pressure

0.2/2 bar absolute

Static dew point

0.1 K

in entire range: ±1.5 K

Input dew point

Max. 70 °C

Gas inlet temperature

Max. 140 °C

Nominal cooling capacity (at 25 °C): 80 kJ/h

Supply voltage

AC 230, 50/60 Hz

Current input

Max. 250 VA (without heated gas line)

Measuring system (wetted parts)PVDF, glass, stainless steel, PTFE, Norprene,
Viton, epoxy, sintered PTFE**Housing**

W x H x D: Approx. 360 x 460 x 260 mm

Connection length

low temperature

connector: 2.5 m

Weight: Approx. 13.5 kg (base device)

Degree of protection: IP 20

Options

- Other connections for gas inlet/gas outlet
- Supply voltage AC 115 V, 50/60 Hz
- Gas pump with bypass valve
- Humidity probe
- Rotameter

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PG: 4	Part no.	Price €
Portable gas treatment system TMA 65	69483	
Options		
Gas pump with bypass valve	69484	
Humidity probe	69494	
Rotameter	69489	