

Gas treatment

benefits

- 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
- with status alarm (changeover contact)
- ready for operation after approx. 20 min
- heated, self-controlling gas line and gas sampling probe can be connected



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.

Description

The base version of TMA 75 consists of a gas cooler with condensate pump and a 2 µm fine particulate filter. Irrespective of the ambient temperature, the gas cooler cools the gas down to the adjusted dew point. Lightweight, compact gas treatment unit, ideal for portable flue gas analysers.

Technical Specifications

Operating temperature range

Ambient: 5/40 °C

Gas outlet dew point:

adjustable: 2/20 °C

Factory setting: 5 °C

Status alarm

changeover contact

Gas flow

75 l/h, without pre-separation

Operating pressure

max. 1 bar

Pressure loss

< 1 mbar at 60 l/h

Flow meter

7/70 l/h air, 20 °C, 1 bar absolute

pumping capacity pumps

Measured gas: max. 180 l/h
condensate: max. 1 ml/min

Input dew point

40 °C, without pre-separation

Gas inlet temperature

max. 120 °C

Connections

Measured gas: Compression fitting Ø 4/6 mm
condensate: Compression fitting Ø 4/6 mm

Supply voltage

AC 230 V, 60 Hz

Current input

max. 150 VA ()

wetted parts

PA, PTFE, Viton®, Duran glass, Stainless steel 316

Contact rating

DC 24 V, 1 A
AC 120 V, 0.5 A

Housing

Aluminium
W x H x D: 360 x 415 x 220 mm
Degree of protection: IP 20 (EN 60529)

Options

- Supply voltage AC 115 V, 60 Hz

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Versions

Part no.

Gas treatment
TMA 75



69503

-  in-stock items
-  Non-stock items