

1 Introduction

1.1 Intended use

This unit is intended for industrial use in gas analysis systems. It's an essential component for conditioning the sample gas to protect the analysis instrument from residual moisture in the sample gas.

Please note the specifications in the data sheet on the specific intended use, existing material combinations, as well as pressure and temperature limits.

1.2 Types

The device is delivered with different configurations. The part number given on the type plate informs you about the specific configuration of your device.

1.3 Scope of delivery

- Cooler
- Product documentation
- Connection-/mounting accessories (optional)

1.4 Ordering instructions

4496	1	1	1	X	0	4	X	X	X	0	0	X	X	X	0	0	0	0	Product Characteristics
Gas cooler models (with 1 heat exchanger)																			
1																			TC-MINI 6111: moderate ambient temperature 40 °C
2																			TC-MINI 6112: higher ambient temperature 50 °C
Certifications																			
0																			Standard applications – CE
Supply voltage																			
4																			24 V DC
Heat exchanger ¹⁾																			
	1	1	0	0	0														Stainless steel, MTS, metric
	1	1	5	0	0														Stainless steel, MTS-I, US
	1	2	0	0	0														Duran glass, MTG, metric
	1	2	5	0	0														Duran glass, MTG, US
	1	3	0	0	0														PVDF, MTV, metric
	1	3	5	0	0														PVDF, MTV-I, US
	1	6	0	0	0														Stainless steel, angle connector, MTS-WS, metric
	1	6	5	0	0														Stainless steel, angle connector, MTS-I-WS, US
Moisture detector/filter																			
						0	0												without filter, without moisture detector
						0	1												without filter, 1 moisture detector with block
						1	0												1 filter, without moisture detector
						1	1												1 filter with built-in moisture detector
Signal outputs																			
												1	0	0	0	0			Analog output, 4..20 mA, incl. status output
												2	0	0	0	0			Modbus RTU digital output, incl. status output

¹⁾ Moisture detector/filter screw-in fitting and tubes metric or US, accordingly