



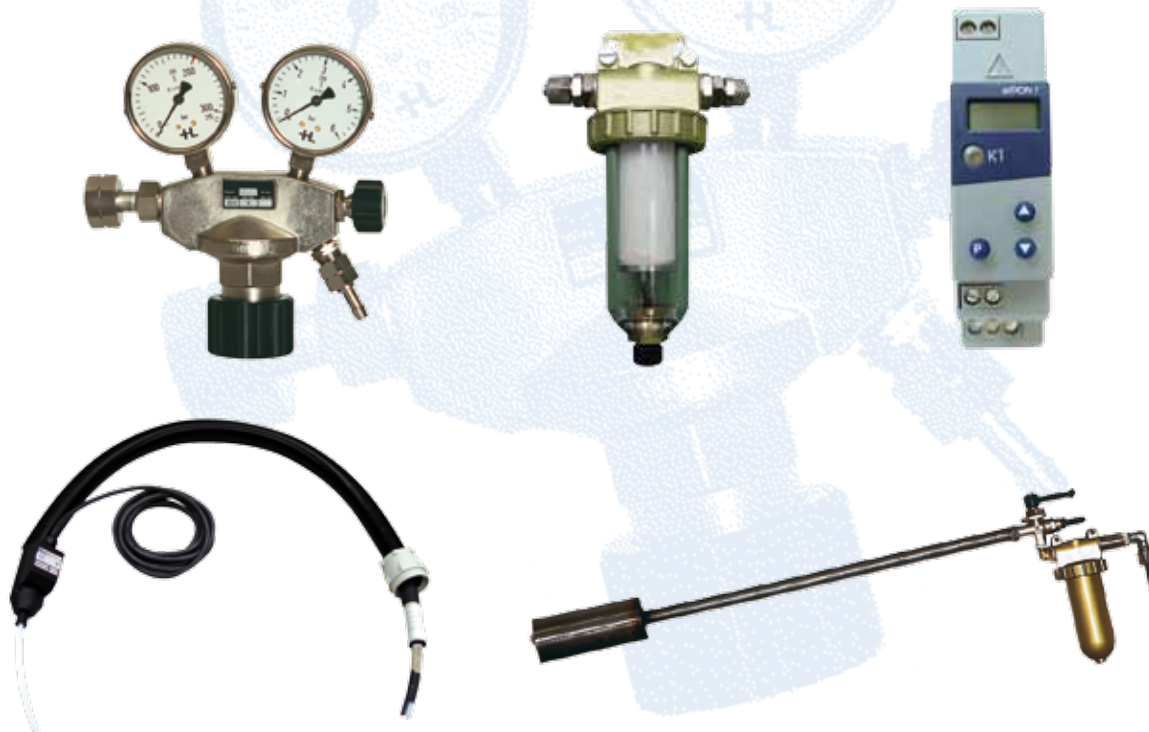
ADOS
est. 1900

Instrumentation and Control



**ACCESSORIES FOR
HYDROCARBON MEASUREMENT**

KM 2000 CnHm EM Accessories



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since 1997
DIN EN ISO 9001
ID: 01 100 71011



a.) with insulation



b.) without insulation

Sampled gas extraction

Carborundum filter with protective cap, gas sampling pipe with isolating valve and test gas valve

Versions:

- V 4 A material (1.4571)
- a) with insulation
- b) without insulation



Mounting stubs

Mounting stubs with single flange for mounting the gas extraction pipe.

Versions:

- material V4A (1.4571)
- material St 37
- with single flange DN 50 / PN 6, 150 mm long



Respirable dust filter with filter cartridge

Double sided cutting ring screw connection for gas pipe breaker R 1/4" or 8 mm cutting ring connection



Heated extraction pipe

Technical Data:

Length:	1 m ... 100 m
Operation temperature:	65 °C ... 120 °C
Nominal width:	4 ... 8
Nominal voltage:	230 V=
Outer diameter:	42 mm
End caps:	with pull relief and bend protection in PA 6 or silicone
Outer protection:	polyamide 6 ring-spindle tube, flame retardant, halogen-free
Temperatures:	-40 °C ... +150 °C, temporary >150 °C
Optional accessory:	temperature controller



Test gas bottle

- zero-point-gas: synthetic air
- N-Butane in synthetic air (calibration gas)
- for non-aggressive gases
- for hydrogen sulphide (in stainless steel)

content: 10 l
filling pressure: min. 100 bar



Pressure reducer

Pressure reducer for connection to the test gas bottles.

Technical Data:

Inlet pressure: max. 200 bar

Output pressure: 0,1 bar - 3 bar

Material: Brass



Test adapter

- for ITR 498 sensor
- for GTR 210 sensor
- for GTR 196 sensor
- for TOX 592 sensor



Explosion vent

Explosion vent for inserts in gas measuring pipes

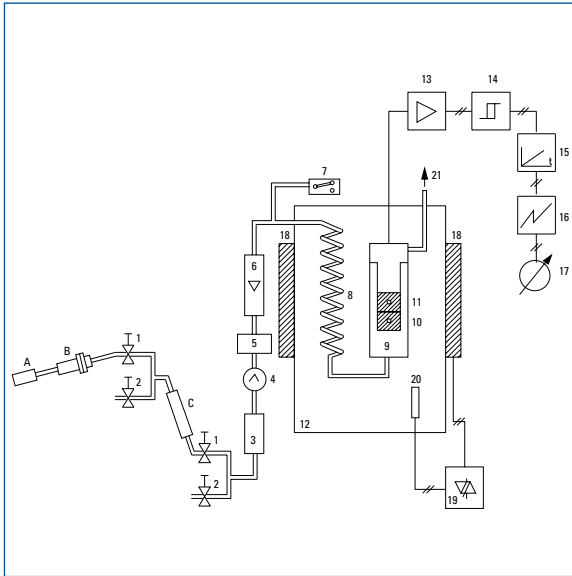
Type Wt,
BAM approved ("BAM" = Federal Institute for Material Testing)



Condensate collector

Condensate collector with mounting sheet

175 x 260 x 125 mm (WxHxD)



Gasflow schematic

- A) Sampled gas suction
- B) Mounting stubs with single flange
- C) Heated gas suction pipe
- 1) Sampled gas input
- 2) Test gas input
- 3) Pre-filter or balance filter
- 4) Sampled gas pump
- 5) Flow regulator
- 6) Flow-through meter
- 7) Flow monitor
- 8) Heating element
- 9) Catalyser chamber
- 10) Comparison measurement
- 11) Measurement point
- 12) Reaction chamber
- 13) Measurement amplifier
- 14) Limit value monitor 1–4
- 15) Measured value integrator
- 16) Line plotter
- 17) Concentration indicator
- 18) Heating element sleeve
- 19) Temperature controller
- 20) Resistance thermometer
- 21) Gas output