



ADOS
est. 1900

Instrumentation and Control



**ACCESSORIES FOR
HYDROCARBON MEASUREMENT**

KM 2000 CnHm EM Accessories



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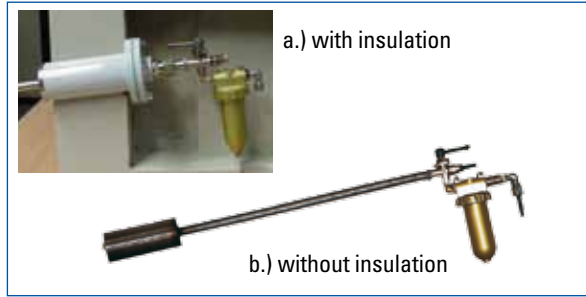
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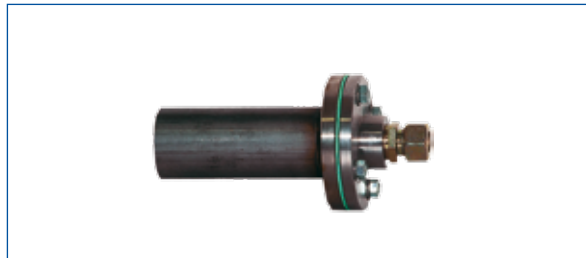


Sampled gas extraction

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, 0.49 feet long



Respirable dust filter with filter cartridge

Respirable dust filter with filter cartridge.

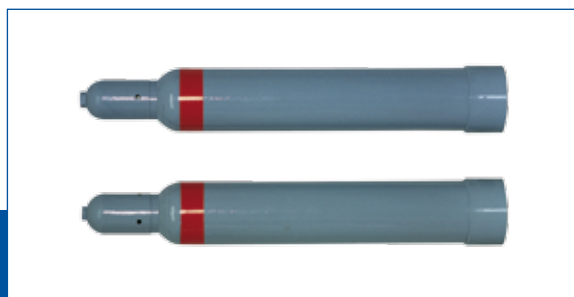
Double sided cutting ring screw connection for gas pipe breaker R 1/4" or 0.31 inch cutting ring connection



Heated extraction pipe

Technical Data:

- Length: 3.28 ... 328 feet
- Operation temperature: 149°F ... 248°F
- Nominal width: 4 ... 8
- Nominal voltage: 115 V \approx
- Outer diameter: 1.65 inch
- 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: -104°F ... +302°F, temporary > 302°F
- 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: 2.64 gal
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)



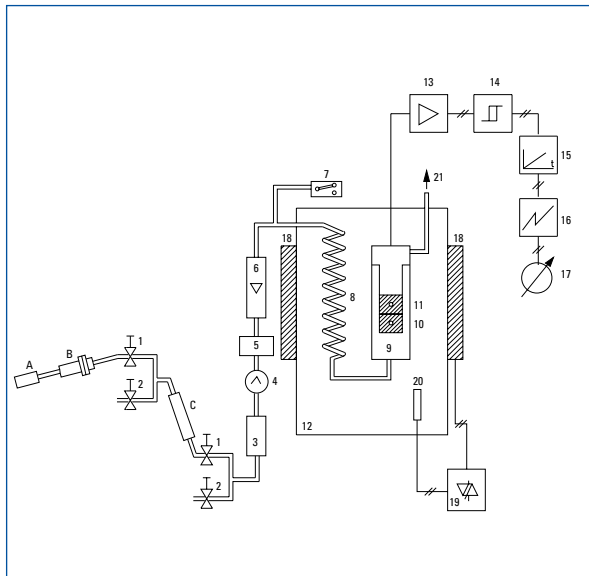
Condensate collector

Condensate collector with mounting sheet

6.89 x 10.24 x 4.92 inch (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