

JES 301 Heated Sampling Tube



JCT

Analysentechnik
GmbH

Gas Sampling Probes

Heated Sample
Lines

Sample Gas
Coolers

Gas
Converters

Accessories



APPLICATION

- To keep gas temperature above dew point
- For use in combination with the heated sampling probe JES 301
- For extractive gas analysis and for emission monitoring

BENEFITS

- Easy mounting
- Corrosion protection
- Gas reaches sample conditioning and analysis devices unchanged
- Accessories like pre filters and extensions are available

FEATURES

- Double tube system with internal heater for corrosion protection inside & outside
- Temperature regulation based on resistance measurement over complete heater length
- Direct connection via standard flanges
- Available lengths from 500 to 2.500 mm
- Temperature regulation to 180°C
- Option: temperature controller HTI-16
- Combinable with In-situ pre filters



TECHNICAL DATA

SPECIFICATIONS

Power supply Option	230 VAC 50/60 Hz 115 VAC 50/60 Hz
Power consumption	approx. 400..1.200 Watt (depending on length)
Gas wetted parts	SS 316 TI
Outer diameter	45 mm
Nominal width inner tube	ID 12 mm
Mounting flange Option	DN 65, PN6; DIN 2573; SS 316 TI 2" ANSI-flange, 150 lb.
Mounting angle	recommended 5°-15° incline
Permissible ambient temperature	-20...+60°C
Sample gas temperature	max. 200°C
Heat up time	< 30 min
Electrical connection	STAS200 plug for HTI-16
Protection class	IP 65

ORDER CODE

Part No.		Description
35.07050	ER-EH05	Length 500 mm; DN 65, PN6
35.07070	ER-EH07	Length 700 mm; DN 65, PN6
35.07100	ER-EH10	Length 1000 mm; DN 65, PN6
35.07150	ER-EH15	Length 1500 mm; DN 65, PN6
35.07200	ER-EH20	Length 2000 mm; DN 65, PN6
35.07250	ER-EH25	Length 2500 mm; DN 65, PN6

ACCESSORIES

Part No.	Description
35.07501	HTI-16 Temperature controller 230 VAC
on request	HTI-16 Temperature controller 115 VAC

OPTIONS

3/4" FEMALE THREAD FOR ADDITIONAL TUBES / FILTERS



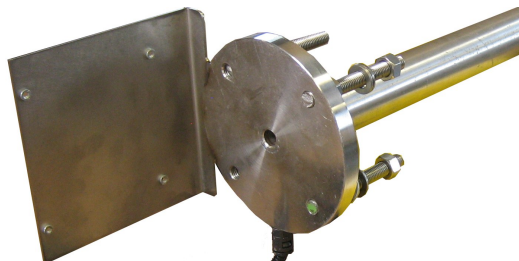
SPECIFICATIONS

Material	SS 316 L
Sample gas temperature	max. 550°C
Connection	3/4" female thread

ORDER CODE

Part No.	Description
35.07502	3/4" thread for additional pipe

MOUNTING BRACKET FOR HTI-16 TEMPERATURE CONTROLLER



SPECIFICATIONS

Material	SS 316 L
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ORDER CODE

Part No.	Description
on request	Mounting bracket for HTI-16

Specification subject to change without notice.

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