



## Your Reliable Partner for THC Measurements

Print

### Total Hydrocarbon Analyzer RS55-T

#### Applications

- Emission Monitoring
- Optimizing Processes
- Combustion Monitoring/Control
- Threshold Limit Values (TLV) - Measurements



#### Features

- TUV-approved for German 17.BImSchV. (meets EPA-approvals)
- Heated Analytical Compartment up to 200 °C / 473 °K)
- Continuous Measurement Mode
- Flame-Out Indication
- Auto Range / Manual Range
- Automatic Hydrogen Cut-Off
- Self-Monitoring Capabilities (Temperatures, Pressures, Flame)
- Option: Automatic Calibration
- Option: Sample Lines
- Option: Filters
- Option: Internal Zero-Gas and Combustion-Air Supply
- Option: USB-Interface



## Specifications

(Reference Quantity : Full Range Deflection = FRD)

Ranges	<ul style="list-style-type: none"> <li>• 0-10 ppm Propane</li> <li>• 0-100 ppm Propane</li> <li>• 0-1.000 ppm Propane</li> <li>• 0-10.000 ppm Propane</li> <li>• 0-100.000 ppm Propane</li> </ul>
Linearity	+/- 2 % FRD (up to Range 4)
Oxygen Cross Sensitivity	< +/- 2 % FRD
Availability	> 95 %
Limit of Detection	< 2 % FRD
Zero Drift	< 2 % FRD/week
Span Drift	< 4 % FRD/week
Response Time	approx. 1-2 s
Sample Flow Rate	approx. 220 l/h
Signal Output	0-10 V or 0/4-20 mA
Status Contacts	<ul style="list-style-type: none"> <li>• Pre (Concentration-) Alarm</li> <li>• Main (Concentration-) Alarm</li> <li>• Range Identification</li> <li>• Flame Out Indication</li> <li>• Status Identification (Zero-Gas/Span- Gas/Calibration)</li> <li>• Alarms (Pressure, Temperature, Flame)</li> </ul>
Dimensions	19" x 267 x 500 mm (WxHxD)
Weight	approx. 26,5 kg
Ambient Temperature	+ 5 ... + 35 °C
Main Power	230 V / 50 Hz or 115 V / 60(50) Hz / 800 Watts