

Total Hydrocarbon Analyser FID

**Outdoor Flame-Ionisation-Detector
iFiD Mobile for continuous monitoring**

**Certification according to EN 15267-4
(In preparation)**



iFiD Wall

Description

The stationary Flame-Ionisation-Detector (FID) *iFiD Wall* was made for rough conditions and field installation. This unit measures the Total Hydrocarbon concentration especially in heavy industrial environment. The stainless steel housing in protection class IP65 gives the analyser a strong protection all year long.

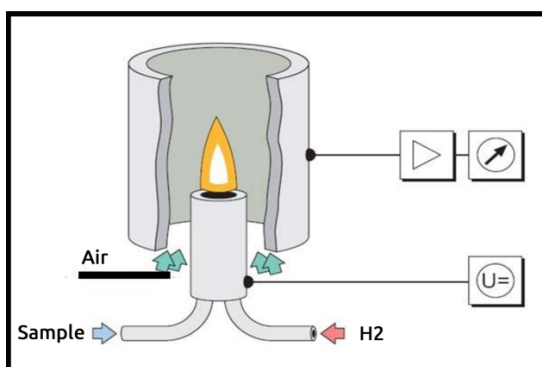
Special Advantages

- User-friendly Touchpanel 7" TFT
- High temperature Sample path: 300°C
- Warm up time: 15 min
- Built in heated Sample filter 300°C
- Internal Datalogging by USB Stick
- Built in Zerogasgenerator (option)
- Safety: Automatic Hydrogen cut off

Applications

- Emission monitoring
- Process VOC control
- Waste plants and burning control
- Drier and Activated carbon control

Operation principle



System Performance

Measuring component:	C_xH_y
Operation:	7" TFT – Touch
Display: ppmC ₃ or ppm C ₁	mgC/m ³
Measuring range:	0-10.000 mgC/m ³
Repeatability:	± 1 % of Range
Zero drift:	± 1 % in 24 h
Response time:	1 Sec. (T ₉₀)
Warm-up time:	15 minutes
Analogue Output:	0-20mA ; 0-10V
Digital Output:	Ethernet - RS232
Datastorage:	USB Stick
Remote control:	VNC; over tablet
Gas Requirements:	
• Fuel	H ₂ 5.0 or He/H ₂
• Span gas:	C ₃ H ₈
• Zero gas:	N ₂ or syntetic air
• Combustion air:	over built in cat
Fuel consumption:	30 ml/min
Zero / Spangas:	1 l/min
Flowcontrol:	integrated
Pressure Compensation:	-150hPa +500hPa
Power supply:	100 V ... 240 V
Frequency:	50 Hz.... 60 Hz
Power consumption:	350 W
Ambient temperature:	0°C ... +45°C
Protection class:	IP65
Dimensions (H x W x D):	200x410x420 mm
Weight:	15 kg