

TESTA

TVOCs & THC FID Gas Analyser

10 ppb High resolution
100,000 ppm wider ranges

Apply widely by One
From Ambient Air to Stack Gases

Trans-Portable Flame-Ionisation
Detector Model FID 2010T

According to German 17. BImSchV
tested by German-TÜV

Description

The Flame-Ionisation-Detector (FID) 2010 T measures Total Hydrocarbons in catalytic and Total VOCs in thermal after-burner plants, waste gas industries, room and environmental air, solvent recovery plants and vehicle exhaust gases.

By its little weight and its compact dimensions, he is especially made for applications at different places and with difficulty accessible measuring points.

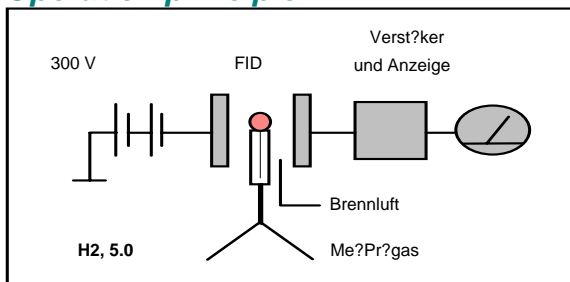
Special advantages

- Modul assembly according to your desires
- Analytical section heated on 300°C
- Option: 400°C
- Warming-up-time from 20°C to 200°C in only 30 minutes
- Filter monitoring
- Automatic Flame ignition
- Hydrogen cut off

Optional Modules

- RS 232 module
- Temperature controlling module
- Software in english for controlling the analyzer and datalogging in MS-Excel format

Operation principle



Represent by : KINSCO technology

372-8 Seokyo-dong, Mapo-Ku, Seoul
Tel) 338-9667 fax) 326-1165



Technical Data FID 2010T

Measuring component:	C_xH_y
Display:	6-digit, LED
Decadic measuring range:	5
Smallest measuring range:	0 - 10 ppm
Largest measuring range:	0 - 100.000 ppm
Range selection:	manually
Resolution :	10ppb(0.01 ppm)
Reproductuibility:	+/- 1 %
Zero point drift:	+/- 1 % in 24 h.
Response speed	1 Sec. (T90)
From analyzer input:	
Warming-up-time from	approx. 30 min.
Analogue outputs:	
- current, galv. separated:	0-20 mA, 4-20 mA
- Voltage:	0-10 V
Auxiliary gases:	
- Fuel:	H ₂ , 5.0
- Span gas:	C ₃ H ₈
- Zero gas:	N ₂ , 5.0 or syn. air
- Combustion air:	via catalysator
Fuel consumption:	approx. 35 ml/min
Zero- and Spangas consumption:	1 l/min
Combustion air consumption:	30 l/h.
Mains connection:	230 V / 50 Hz
Capacity:	300 W
Ambient temperature:	0 - 45°C
Size (H x W x D):	200x410x420 mm
Weight:	ca. 12 kg