



# SHED-FID

## Datasheet HC-Analysator

### Mini/Micro-SHED



### Product description

The Flame Ionization Detector 2000MP is analyzing hydrocarbons in SHED-chambers of different dimensions. For applications over 2,5m<sup>3</sup> we recommend to take an analyzer with a heated bypass system to get realistic response times. For smaller SHED-Chambers we have built a analyzer with only 12 ml samplegas per minute. That means, that we take 720ml per hour out of the chamber and minimize the airchange-rate in the chamber.

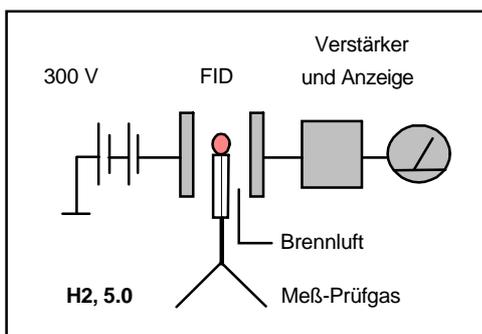
### Special advantages

- Optimal sampleextraction
- More than 4 spangas inlets
- Heating temperature from 20°C to 200°C in only 30 minutes
- Automatic calibration
- automatic flame ignition
- digital output

### Options

- Heated lines
- Zerogasgenerator
- Unheated Filter inside SHED chamber
- Heated solenoid valve

### FID Scedule



### Technical Data FID 2000MP 19" Rack

Measuring components:	$C_x H_y$
Measuring ranges:	4
Smallest range:	0 - 10 ppm
Largest range:	0 - 100.000 ppm
Range selection:	Manual/remote
Reproducibility:	+/- 1 %
Zero point drift:	+/- 1 % in 24 hrs.
Response speed from inlet:	1 Sec. (Minished)
Heating time:	20°C- 191°C approx. 30 min.
Outlet:	
- current, galv. Sep.:	0-20 mA, 4-20 mA
- voltage:	0-10 V
Alarm:	Flamecontrol
Vacuum FID:	0,4 bar Vacuum
<u>Auxiliary gases:</u>	
- Fuel	H <sub>2</sub> /H <sub>2</sub>
- Spangas:	C <sub>3</sub> H <sub>8</sub>
- Zerogas:	N <sub>2</sub> , 5.0
- Fuelair:	over Activcoal From roomair
Fuelconsumption:	150 ml/min
Zero- and spangascons.:	500 ml/min
Fuelair:	1000 ml/min
Power:	230 V / 50 Hz
Capacity:	600 W
Ambient temperature:	0 – 45° C
Dimensions (L x Hx D):	3HUX19inchx460 mm
Weight:	approx. 23 kg