

JUM 3-500

FID VOC THC Analyzer

The JUM 3-500 is a compact 19" rack-mount heated Total Hydrocarbon (THC) analyzer. The JUM 3-500 uses a hydrogen flame ionization (FID) detector in a heated oven to prevent high loss of hydrocarbons. The burner air supply is integrated. The JUM 3-500 is similar to the JUM 3-300A but the rear panel port configuration is simplified for easy use in the field. The FID JUM 3-500 can be used as a transportable analyzer.



Flame Ionization Detector (FID)

- ✓ Rental from one day
- ✓ Technical assistance included
- ✓ Comply with EN 12 619 Norms
- ✓ 25A & 503 EPA Method (USA)

TECHNICAL SPECIFICATIONS

MEASURING RANGES (ppm)	0-10, 100, 1.000, 10.000, 100.000
TOTAL SAMPLE FLOW THROUGH	2,5 to 2,8 l / min
LINEARITY	Up to 10.000 ppm full scale within 1.5%
SIGNAL OUTPUTS	0-10 VDC, 4-20 mA, including RS-232
COMBUSTIBLE GAZ	100% H ₂ ou 40% H ₂ / 60% He
BURNER FUEL CONSUMPTION	H ₂ : 20 cc/min H ₂ / H _e : 80 cc/min
PRESSURE H ₂	1,5 - 2 bar
OVEN TEMPERATURE	190°C
POWER	230VAC/50Hz, 850W
AMBIENT TEMP.	5-43°C
DIMENSIONS	483 mm x 460 mm x 132 mm
WEIGHT	approx. 22 kg

KEY POINTS

- 6-digit concentration display
- Built-in sampling pump
- Fast response time
- Low fuel consumption

APPLICATIONS

- Continuous monitoring :
 - Stack gas emissions
 - Gas emissions from combustion engines
 - Process gases
 - Detection of traces of hydrocarbons
- Measurement of total hydrocarbons, methane and non-methane in all industries

Recommended equipment for your gas system analysis :



For more information

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