

EU-50 Flue gas analyzer for gas

EU-50

Analysis of up to 6 constituents:

O₂, CO, NO, temp. gas, temp. air, draught/pressure

Calculates:

Lambda, CO₂, NO_x, flue gas loss qA, efficiency

Operating with batteries



Anapol Instrument Engineering Inc.

Moosweg 1

CH-2555 Brugg

Switzerland

Tel. ++41 32 / 374 25 45

Fax ++41 32 / 374 25 47

e-mail: sales@anapol-us.com

www.anapol-us.com

Technical data EU-50

We reserve the right to make technical modifications.

Sensors:

O₂	Electrochemical Range: 0-21% Vol Resolution: 0.01 % Vol Response: Δ 90% < = 20 seconds Accuracy: \pm 0.4% Vol over full range
CO	Electrochemical Range: 0-2,000 ppm Resolution: 1 ppm Response: Δ 90% < = 45 seconds Accuracy: \pm 0.1 x display or \pm 12 ppm
NO (option)	Electrochemical Range: 0-2,000 ppm Resolution: 1 ppm Response: Δ 90% < = 45 seconds Accuracy: \pm 0.1 x display or \pm 10 ppm

TG (exhaust gas temperature)

NiCr/Ni – thermocouple
Range: 32°-842°F (1472°F Option)
Accuracy:

Temperature	Measuring device	Sensor	Total
32° - 212°F	\pm 33.8°F	\pm 35.6°F	\pm 37.4°F tested
212° - 392°F	\pm 1%	\pm 2%	\pm 3% tested
392° - 662°F	\pm 35.6°F	\pm 39.2°F	\pm 42.8°F tested

TA (fresh air temperature)

NiCr/Ni – thermocouple
Range: 32° - 176°F
Margin of error: ± 37.4°F max.

Draft (draft metering)

Semi-conductor DMS bridge
Range: -4 / + 50 hPa

Calculations	CO ₂	% Vol depending on fuel
	qA	0 - 99.9%
	Efficiency	>100% - 0
	la (Lambda)	1 - ∞
	NO _x	Calculated from NO

Storage temperature:

-4°F to 122°F

Display

LCD/dot matrix
4 lines 20 characters/line

Printer

Thermal printer
24 characters/line

DC power

Lilon rechargeable battery pack, 12V DC - 4000mAh

Adjustment

After successful leak test, 100 secs.

Languages

German
French
English
Italian

Hose connection

11.48 feet

Dimensions / weight

0.82 inch x 4.72 inch x 4.72 inch
5.51 pounds