

EU 3000



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EU 3000



Special features/options

- Device table can be firmly mounted
- Various probe lengths
- NO₂ direct measurement type-tested
- Data processing via RS 232, Bluetooth or chip card
- Remote display via Bluetooth
- Choose to print out or just save measured data to memory
- 250-500 measurements can be saved
- Manual CO cut-off
- Auto. sensor heating if external temp. < 68°F
- Measured value can be „frozen“ on display
- Additional customer data can be programmed in (e.g. nozzle angle, oil consumption, system compliant, gas pressure, etc.)

Exhaust gas analyzer for most demanding jobs

EU 3000 is a reasonably priced, mobile, user-friendly and multi-functional measuring system for exhaust gas investigation in the case of oil and gas fired installations under real operating conditions.



Analyzes 7 components:

- O₂, CO, NO, NO₂, SO₂
- Temp. gas, Temp. air

calculates: Lambda, NOX
CO₂
Efficiency or exhaust gas loss qA

equipped with:

- Heated probe for soot measurement (filter paper method)
- Thermal printer
- Large backlit LCD display (8 values at a glance)
- 85-264 VAC/47-60 Hz AC supply



Technical specifications: anapol EU 3000



O₂: Electrochemical Range: 0 - 21% vol. Resolution: 0.01% vol. Response time: Δ 90% < = 20 seconds Accuracy: \pm 0.4% vol. in entire range	CO: Electrochemical Range: 0 - 2,000 ppm Resolution: 1 ppm Response time: Δ 90% < = 45 seconds Accuracy: \pm 0.1 x display or \pm 12 ppm																
NO: Electrochemical Range: 0 - 2,000 ppm Resolution: 1 ppm Response time: Δ 90% < = 45 seconds Accuracy: \pm 0.1 x display or \pm 10 ppm	NO₂ (option): – requires SO ₂ option Electrochemical Range: 0 - 200 ppm Resolution: 1 ppm Response time: Δ 90% < = 60 seconds Accuracy: \pm 7 ppm																
SO₂ (option): Electrochemical Range: 0 - 2,000 ppm Resolution: 1 ppm Response time: Δ 90% < = 45 seconds Accuracy: \pm 20 ppm	TA (air intake temperature): NiCr/Ni – thermocouple Range: 32° - 176°F Accuracy: \pm 37.4°F max																
TG (exhaust gas temperature): NiCr/Ni – thermocouple Range: 32° - 842°F (1472°F option) Margin of error: <table border="1"> <thead> <tr> <th>Temperature</th> <th>Measuring device</th> <th>Sensor</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>32°F - 212°F</td> <td>\pm 33.8°F</td> <td>\pm 35.6°F</td> <td>\pm 37.4°F tested</td> </tr> <tr> <td>212°F - 392°F</td> <td>\pm 1%</td> <td>\pm 2%</td> <td>\pm 3% tested</td> </tr> <tr> <td>392°F - 662°F</td> <td>\pm 35.6°F</td> <td>\pm 39.2°F</td> <td>\pm 42.8°F tested</td> </tr> </tbody> </table>		Temperature	Measuring device	Sensor	Total	32°F - 212°F	\pm 33.8°F	\pm 35.6°F	\pm 37.4°F tested	212°F - 392°F	\pm 1%	\pm 2%	\pm 3% tested	392°F - 662°F	\pm 35.6°F	\pm 39.2°F	\pm 42.8°F tested
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Draft (draft measurement): Semi-conductor DMS bridge Range: - 4 / + 50 hPa	Calculations: CO ₂ 0 - 20.0% vol. qA Calculated from NO efficiency > 100% - 0 I _a (Lambda) Calculated from NO NO _x Calculated from NO																
Storage temperature: - 4°F to 122°F	Display: LCD/dot matrix 4 lines each with 20 characters																
Printer: Thermal printer 24 characters per line	AC supply: AC power: 85 - 264 VAC / 47 - 63 Hz Rechargeable batteries: Lilon 12V DC – 4 Ah																
Calibration: After successful leak test 100 secs.	Soot measurement: Filter paper method 1.63 \pm 0.11 l (0.23 inch probe)																
Languages: German English French Italian	Hose: 11.48 feet																
Probe length: 11.81 inch 6.29 inch (option)	Dimensions/weight: 18.11 x 14.56 x 5.90 inch 14.55 pounds																

Technical specifications can be modified at any time without notice.

We reserve the right to make technical improvements without notice.