

FLUE GAS ANALYSER

BLUELYZER ST



Picture shows original size

EuroSoft
mobile app

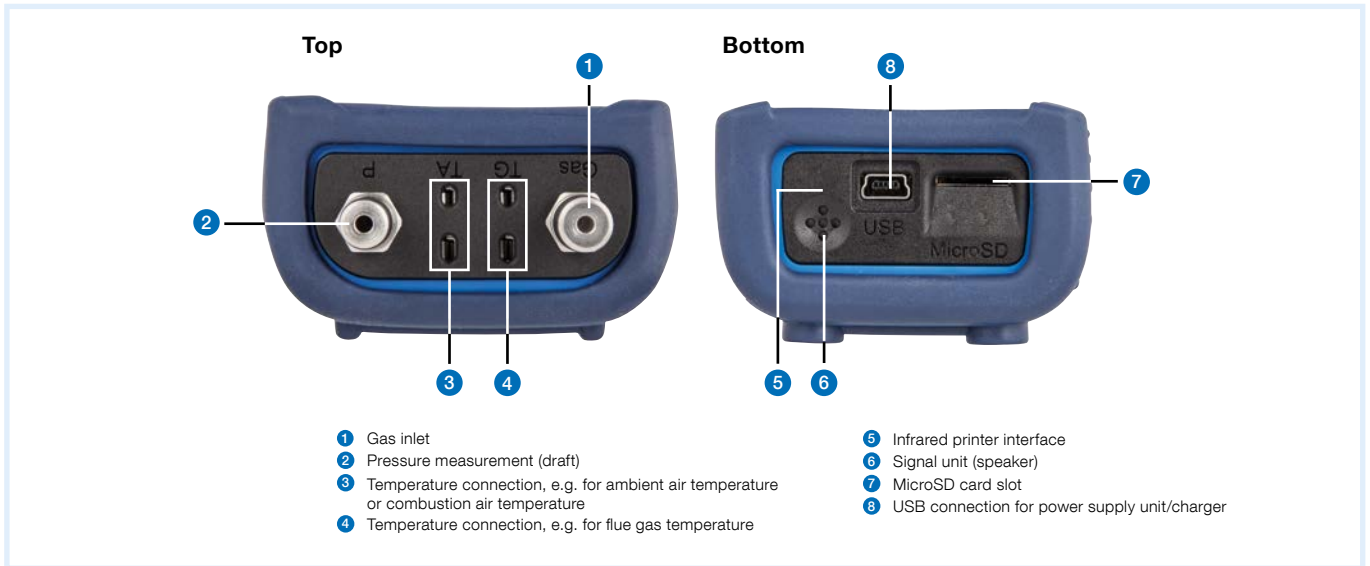


- + The world's smallest, fully-featured HVAC all-rounder with TFT colour display
- + Flue gas analysis, pressure measurement (draft) and (differential) temperature measurement with a single instrument
- + CO ambient measurement with two freely adjustable alarm thresholds
- + Fully-fledged temperature measurement program, differential temperatures (e.g. flow/return) can also be determined
- + Hold function: Display shows the measured value for a given period of time while the measurement keeps running in the background
- + Measurement programs and measured values can be freely edited
- + Display reverse function: TFT display can be rotated by 180° for easy reading and excellent working conditions at the point of measurement
- + Zoom mode for entire display, "Single-value display"
- + Memory function with up to 100 measurement logs
- + CAPBs® enabled

**Application**

Ideal for HVAC professionals for accurate adjustments or inspections, on par level with official flue gas analysers. BLUELYZER ST is suitable for flue gas analysis, pressure measurement and (differential) temperature measurement. It is the universal, handheld measuring instrument of choice for measuring small and medium-sized oil and gas fired heating systems according to the 1st German Federal Immission Act (BlmSchV) and for CO concentration checks at gas fired systems.





- 1 Gas inlet
- 2 Pressure measurement (draft)
- 3 Temperature connection, e.g. for ambient air temperature or combustion air temperature
- 4 Temperature connection, e.g. for flue gas temperature
- 5 Infrared printer interface
- 6 Signal unit (speaker)
- 7 MicroSD card slot
- 8 USB connection for power supply unit/charger

Technical specifications

Measuring ranges (measured values)

Flue gas temperature/differential temperature
0/1,000 °C

Air temperature/combustion air temperature
-20/+200 °C

Draft/pressure
40 hPa

O₂
0/21 % by volume

CO
0/6,000 ppm (max.)

Indication (calculated values)
CO₂, CO undiluted (air-free), lambda, dew point, eta efficiency, flue gas loss qA, CO mg/m³ (natural gas), CO mg/kWh (fuel oil)

Operating temperature range
Ambient: 5/40 °C
Storage: -20/+50 °C

Weight (housing)
Approx. 275 g

Dimensions

W x H x D 66 x 143 x 37 mm

Display

TFT colour display 2.8"
W x H: 45 x 60 mm

Connections

Draft/pressure: Ø 7 mm
Gas: Ø 8 mm
Temperature: Type K

Supply voltage

Via lithium-ion battery (3.6 V/1,800 mAh) or power supply unit (mini USB)

Hours of operation (Eco mode)

12 hours

Data memory

microSD card, max. 16 GB

Interfaces

Infrared, Bluetooth® Smart, QR code generator, microSD card slot

Approvals

EN 50379-2 for O₂/CO₂, T_A, T_G, pressure
EN 50379-3 for CO
VDI 4206 (sheet 1)

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Please enquire for other device versions. See chapter 7 for options and accessories.

BLUELYZER ST Set

DG: H, PG: 4

	O ₂	CO	(Diff.) temperature	Draft/pressure	Calibration report, protective sleeve with magnets for device, power supply unit NTE 5 mini USB-A, charging cable USB-A to mini USB	5 x particle filter, 5 x Teflon membrane, condensate filter cartridge KFP 2P, case	MicroSD card with USB 2.0 SD card reader	Flue gas probe compact AKS-K 240 mm with draft, without KFP 2P	Ambient air probe TFB-UL 50-1	Bluetooth® Smart	Part no.	Price €
BLUELYZER ST Set	•	•	•	•	•	•	•	•	•	•	P04438116	