

BlueLine

INSTRUMENTS

Industrial & Domestic Flue Gas Instruments
Natural Gas Leak Detectors
Digital Temperature Meters
Data Logging Digital Pressure Meters
Data Logging Air Velocity Meters
Water Flow Measurement



Sales ▪ Hire ▪ Service
Training ▪ Advice ▪ Support

BlueLine 01606 301840
INSTRUMENTS.co.uk

Flue Gas: Domestic

BlueLyzer ST

The smallest, lightest, low cost flue-gas analyser in the UK for domestic and light industrial use. A unique filtration system in the sampling probe line ensures that your instrument stays dry all the time.

This, coupled with an optional fixed price service contract, makes the BlueLyzer instrument the most cost effective flue gas analyser available today.

Now with QR Code Data Handling, Scan QR Code for more information.



Control instrument, view and log data on PC, Phone or Tablet



- Measures CO, O₂, CO₂ flue gas and ambient temperature, draft /pressure
- Weighs 275g and measures 143 x 66 x 37mm
- TFT Colour Screen and simple push button control
- Complete with robust rubber protective case and magnets for boiler mounting
- Battery Life up to 12 Hours in 'Eco' mode
- Micro SD card for logging results and printing via your PC
- Separate Let-by and Tightness test function
- Separate dual temperature test function

EuroPrinter

Infa red or Bluetooth printer for ALL BlueLine Analysers.

Use the optional printer to quickly and easily print your analysis reports.

Thermal printer adhesive labels are also available for affixing directly onto boilers or in their log books.



Flue Gas: Domestic / Industrial

EuroLyzer STx

The Eurolyzer STx is a high quality flue gas, temperature and pressure analyser designed for use on both domestic and industrial heating systems.

A unique 5 year O₂ sensor and optional low cost service contract ensures running costs are kept to a minimum.

The sampling probe with unique filtration system ensures your instrument stays dry.

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Control instrument, view and log data on PC, Phone or Tablet



- Measures O₂, CO, CO₂, draft, flue gas and ambient temperature, efficiency and differential pressure with optional NO sensor available. Extended CO measuring range with H₂ compensation
- Bluetooth communication and SD Card for logging results and printing via your PC
- Separate programmes for pressure (+/-70Mbar for let-by/tightness/differential) and temperature
- Dial in operation with a high resolution TFT colour screen
- Infra-red and Bluetooth printer option available

CPA-1 KIT AVAILABLE

Utilises same unique filtration system as all BlueLine FGA's =

**NO CONDENSATE
BREAKTHROUGH**



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Available to
HIRE or BUY

Flue Gas: Industrial

MultiLyzer-STe

The Multilyzer is a multi sensor flue gas analyser ideally suited for checking and servicing medium and larger sized heating systems.

A unique 5 year O2 Sensor and optional low cost service contract ensure running costs are kept to a minimum.

The sampling probe with unique filtration system ensures your instrument stays dry and means it is also particularly suited for measurements on wood burning and solid fuel systems.

Now with QR Code Data Handling, Scan QR Code for more information.



Control instrument, view and log data on PC, Phone or Tablet



- Measures CO, O₂, CO₂, flue gas and ambient temperature, draft and efficiency with additional options for NO, NO₂, SO₂ and high range CO
- Data logging to Micro SD Card
- Bluetooth Smart (BLE Low Energy) communication for smartphones and tablets
- Low cost service contract options
- Infra red and Bluetooth printer option available
- Direct reading Infra Red CO₂ Sensor Option

Modular Probe System



Flexible Probe



Various probe lengths 180-1500mm

(standard on Multilyzer and Eurolyzer STx)
Available for all BlueLine Flue Gas Instruments

Flue Gas: Industrial

MaxiLyzer NG+

A flue gas analysis computer with integrated printer and gas treatment unit housed in a robust and waterproof case makes this a versatile tool for use in medium and large heating systems.

The built in peltier cooler and filtration system ensures that your instrument stays moisture free and is particularly suitable for measuring highly water soluble gases such as NO_2 SO_2 . The option to fit a heated line and probe as well a standard flue gas probe makes this portable instrument truly versatile.



- Measure CO , O_2 , CO_2 , flue gas and ambient temperature, draft and efficiency with additional options for NO , NO_2 , SO_2 and high range CO
- The powerful battery provides 36 hours of use or mains operated for continuous use
- Eurosoft PC software for real time analysis
- fitted into rugged Peli case
- USB data download and Data memory for up to 100 measurements
- Fully complies with BS EN50379 (parts 1 & 2)

Moisture Trap Filtration System

The unique moisture trap filtration system ensures that your instrument stays dry whilst still allowing the gas through.



Option of additional Heated Line and Probe



Natural Gas Leak Detection

GSP Units

GSP1

The GSP1 provides an audible alarm which activates when gas levels reach 1% by volume ensuring you are aware of immediate gas leaks.

- 24 hour battery life with rechargeable batteries
- A scaled LED display for indication of gas concentrations from 20 – 2000ppm and % volume.
- Auto shut-off after 4 minutes



The GSP1 and GSP3 identify methane, butane, propane and other flammable gases

The sniffers can be used in gas pipes, connection pieces, fittings, gas meters, gas burners, gas tanks, drains and survey ducts

Please Note: The GSP 1 & 3 are precision instruments and not susceptible to moisture sensitivity problems often associated with this type of equipment.

GSP3

On the GSP3, gas levels are indicated by 3 bright LEDs - at the same time an audible signal, proportional to the gas concentration is generated.

- 20ppm – 2,000ppm
- 10 hour battery life from 2x AA batteries
- LEDs indicate gas levels at 500, 1000 and 2000 ppm



Temperature & Pressure

S2600 Temperature & Humidity Instruments

This rugged and robust hand-held range of monitors displays temperature and relative humidity or single / dual temperature from industry standard 'K' type probe fittings.

4 models in the range:

- FT30 - Sensor integrated in the instrument housing
- FT40 - Sensor with flexible spiral cable
- FT50 - With integral sensor located on extension cable
- 2600 - Sensor options plug into the instrument housing. Single / Dual temperature capacity with range of 'K' type plug in probes.



S2600 Digital Manometer Range

For measuring pressure, vacuum and differential pressure.

4 models in the range:

- 0-150 mbar
- 0-1000 mbar
- 0-5000 mbar
- 0-8000 mbar

Ideal for industrial, medical, air conditioning technology, ventilation systems or ducts.

Values displayed in: mbar, Pa, mmHg or PSI.



Temperature & Pressure

S4600-ST Data Logging Digital Manometer Range

A new generation of highly accurate Digital Manometers with Data Logging to Micro SD-Card or transportable data generated to an on-instrument readable QR Code. Option to print directly to Infra Red or Bluetooth printer. Can be controlled by and information viewed and logged on PC, Phone or Tablet. Barometric Pressure reading included.

6 models in the range:
S4602 0-20mBar
S4601 0-150mBar
S4610 0-1000mBar
S4650 0-5000mBar
S4680 0-8000mBar
S4699 0-16Bar

Now with QR Code Data Handling,
Scan QR Code for more information.



Capabilities



Print Via IR or Bluetooth



Pitot tube optional program



Datalog on SD



Multiple Connectivity
Accessories



Control instrument, view and log data on PC, Phone or Tablet



Available on
iTunes



ANDROID APP ON
Google play

Temperature & Pressure

Accessories

Temperature Probe Options

All with Industry standard 'K' type connectors

CLAMP / SURFACE / LIQUID / INSERTION



Accessories

Pressure Connectors & Kit options

Industry standard connectors, valves, plugs and tubing.



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Available to
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Air Velocity

BlueAir-ST Data Logging Digital Anemometer



With External Temperature & Humidity Sensor Option

A precise modular instrument for measuring air velocity, air flow, temperature and relative humidity. Available with a range of precision Swiss made Vane Probes of 11, 22 and 85mm plus an external temperature and humidity probe the unit is ideal for Duct or HVAC velocity measurement. The S4600-ST can be programmed with duct type (round or rectangular) and size (diameter or A x B) to work out an instant volume / flow rate.



QR Code Data Handling, Scan QR Code for more information.



Control instrument, view and log data on PC, Phone or Tablet





Print Via IR or Bluetooth



Datalog on SD

DUCT MEASUREMENT



HVAC MEASUREMENT



Water Flow / Temperature Meter

FlowTemp M

IDEAL FOR:-

Quickly setting operating flow rates to manufacturers specifications

Quickly checking you have adequate static and working pressure prior to installations



**MEASURES
WATER FLOW &
TEMPERATURE
AT THE SAME TIME**

General Data

Dimensions Housing (H x Ø): 250 x 58 mm

Weight: Approx. 232 g

Material: Plastic

Technical Specifications

Temperature:

Measuring range: -10 °C ... + 110 °C

Resolution: 1°C

Accuracy: ± 2°C

Measuring principle: Glass tube filled with kerosene

Volumetric flow:

Measuring range: 1.6 ... 15 l/min

Resolution:

0.05 l/min (1,6 - 4 l/min)

0.1 l/min (4-15 l/min)

Accuracy:

± 0.3 l (at 5 l/min)

5 % rdg (at 5 l/min)

Measuring principle: Tailback method

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Available to
HIRE or **BUY**

Direct Service Facility

Guaranteed 10 Day Turnaround

All BlueLine instruments are serviced and calibrated at our UK facility with a guaranteed turnaround or you get a free instrument to use whilst yours is being serviced.

We offer true fixed price Service Contract as well as standard annual calibration and service with the option of a 'Duration of Service' hire, so that you are never without an instrument.

Call us: 01606 301840



BlueLine
INSTRUMENTS

**5 YEAR
FIXED
PRICE
SERVICE
CONTRACTS**



**FREE
SHIPPING**

Service Contracts include:

- All sensor and parts replacement
- Carriage to and from your premises
- Instrument re-warranted every year for the length of the contract

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