

BLUE DRAGON TECHNOLOGY

Product Portfolio • Exclusive Agent in Egypt: ACTS

Blue Dragon Technology delivers analytical instrumentation for critical industrial measurements — sulfur and H₂S analysis, moisture and dew point, water quality, TOC and high-purity water, elemental XRF, temperature and ultrasonic gas flow. ACTS (Advanced Company for Trading Services), established in 2006, is the exclusive agent of Blue Dragon Technology in Egypt, providing application review, selection, supply, commissioning and after-sales support.



Blue Dragon Technology

MESIT

Temperature • Italy

LAURIS

Gas Flow • Canada

VYMPER

Moisture • Russia

SIX MEASUREMENT SERIES

1 SULFUR ANALYSIS

Total Sulfur • Hydrogen Sulfide • SRU Tail Gas

Online Analyzers

- Model 800TS – Online Total Sulfur
- Model 810H2S – Online H₂S (*coming soon*)
- Model 810H2S-TS – H₂S + Total S (*coming soon*)

Portable Analyzers

- Model 810H2S-P – Portable H₂S Analyzer

Sulfur Recovery (SRU)

- Model 820TGA – Tail Gas (*coming soon*)
- Model 800RS – H₂S/SO₂ Ratio (*coming soon*)

Consumables

- BD-H2ST – H₂S Sensing Tape

BD-H2ST-100 (100 ft) for 810H2S-P

BD-H2ST-330 (330 ft) for 810H2S / 810H2S-TS

Cross-reference compatibility with selected Galvanic, Envent, Thermo / Tracor / Houston Atlas and DelMar tape analyzers.

Confirm by analyzer model and reel configuration.



2 MOISTURE & DEW POINT

Water Dew Point • Hydrocarbon Dew Point • Trace Moisture

Online Analyzers

- FAS-W – Online Moisture & Dew Point
- HygroTrace – Ultra-Trace Moisture
- CONG Prima-10 – Water & HC Dew Point

Transmitters & Transducers

- FAS-SW – Trace Moisture Transmitter
- CONG Prima-2M – Dew Point Transducer

Portable Analyzers

- HYGROVISION-BL – Portable Dew Point

Key Capabilities

- Dew point down to -100 °C
- Pressure up to 300 bar (FAS-SW)
- Ex-proof field designs, 4–20 mA & Modbus



Industries: Oil & Gas • Natural Gas & LNG • Refining • Petrochemicals • Fertilizers • Power Generation • Water & Wastewater • Metals & Mining • Laboratories

3 WATER QUALITY & ORGANIC CARBON

Oil-in-Water • Turbidity • Total Organic Carbon • High-Purity Water

Online Analyzers

- Model C610OIW – Online Oil-in-Water
- Model C620TUR – Turbidity 0–4000 NTU
- Model U1600-O – Online TOC, 1–1600 ppb (high-purity water)

Laboratory Analyzers

- Model C680 – Combustion TOC Analyzer
- Model U1600-L – Laboratory TOC Analyzer



4 ELEMENTAL ANALYSIS

Energy-Dispersive X-Ray Fluorescence (EDXRF) • Mg to U

Benchtop XRF

- ElementX B1 – Vacuum Benchtop XRF

Handheld XRF

- ElementX H1 – Handheld XRF



5 TEMPERATURE MEASUREMENT

Engineered Thermocouple & RTD Assemblies • Manufactured by MESIT, Italy

Process & Heater Temperature

- BDT-SKIN – Tube-Skin Thermocouples
- BDT-MP – Multipoint Temperature Assemblies

Equipment & Nuclear

- BDT-GT – Gasket-Mount Thermocouples
- BDT-NIC – Nuclear In-Core Systems



6 FLOW MEASUREMENT

Ultrasonic Gas Flow Meters • Manufactured by Lauris Technologies, Canada

Inline Ultrasonic Meters

- Lauris FF1225-A – Single-Path Inline
- Lauris FF2225-A – Dual-Path Inline

Insertion Ultrasonic Meters

- Lauris FF1225-U – Single-Port Insertion
- Lauris FF1225-G – Vertical-Port Insertion

Extreme Temperature

- Lauris FF1225-XT – Waveguide, -253 to +600 °C

Key Capabilities

- Velocity from 0.01 m/s, turndown 8,000:1
- Wet, dirty & low-pressure flare gas



WHY BLUE DRAGON WITH ACTS

Application Review

Selection starts from your process conditions, not a catalogue.

Engineering & Integration

Sample systems, outputs and hazardous-area configuration.

Commissioning

Start-up, calibration and operator training on site.

Local Support

Spares, consumables and after-sales service in Egypt.