FLUENTA

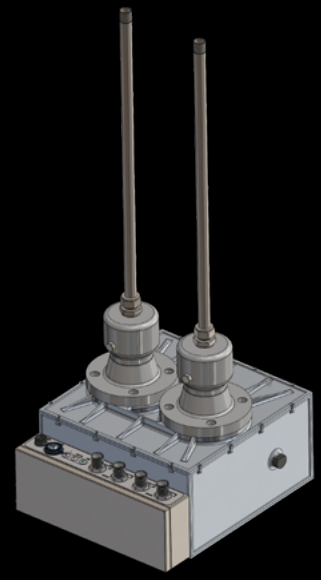
SLASH COSTS, SIMPLIFY COMPLIANCE

Self-managed verification with the Fluenta FlareCal™

INTRODUCING THE ALL-NEW
FLUENTA FLARECAL™

Cut your costs and simplify compliance with the all-new **Fluenta FlareCal™ self-calibration solution**, offering you rigorous verification for all TFS configurations, without the need for a Fluenta certified engineer to be on-site.

Fluenta FlareCal™
Lateral-45 Configuration



Fluenta FlareCal™
Bias-90 Configuration

WHY IS METER VERIFICATION IMPORTANT FOR YOUR BOTTOM LINE?

No matter what your verification requirements look like, we recommend at least an annual verification for full compliance with both local regulations such as the API 14.10 Section 8.1, federal regulations from EPA 40 CFR-Part-60., as well as the global IECEx explosion proofing standards.

Parameters such as gas composition, temperature, and pressure are constantly changing in flare lines and fouling deposits including wax, tar, carbon, and sand can also be present on the transducers.

All these factors can lead a flow meter to misreport flow leading to direct financial consequences and potential enforcement from regulatory bodies.

Regular meter verification can help mitigate against these issues, reducing the risk of misreported measurements.

AUTONOMOUS & ASSISTED
METER VERIFICATION OPTIONS

You can choose from a range of annual meter verification options to suit your requirements,

- Operator managed calibrations with our new Fluenta FlareCal™ box,
- Zero-point calibrations performed on-site by a Fluenta engineer,
- With intermediate and advanced plans, our health check procedure can be used at alternate intervals

FLUENTA FLARECAL™

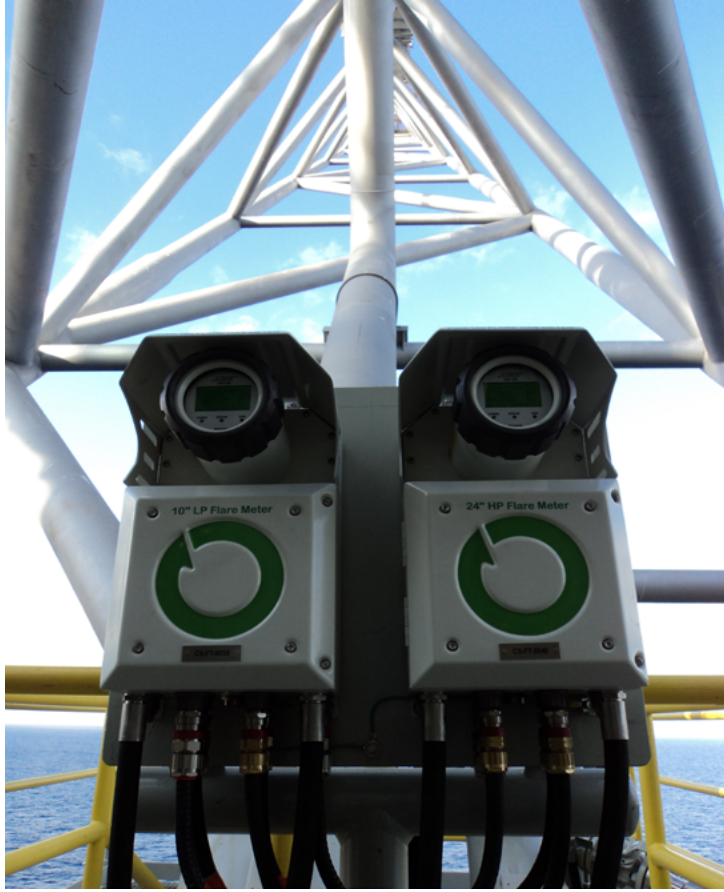
YOUR NEW ULTRASONIC FLARE GAS METER VERIFICATION BOX

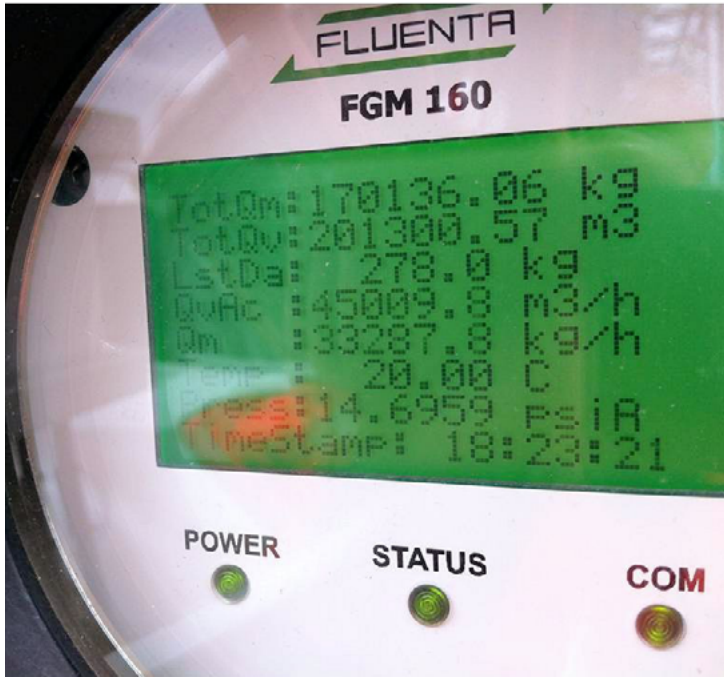
REDUCE RISKS WITH ZERO-POINT CALIBRATION

As the components inside flare gas meters age, measurement can shift, impacting meter accuracy.

Regular verificaiton via zero-point calibration corrects these issues and ensures your meter measures as well as it did when it left the factory.

The new Fluenta Flarecal™ allows you to re-calibrate your flare meter as needed, without requiring a certified engineer to be present - so you can reduce risks, costs, and maintain top compliance.



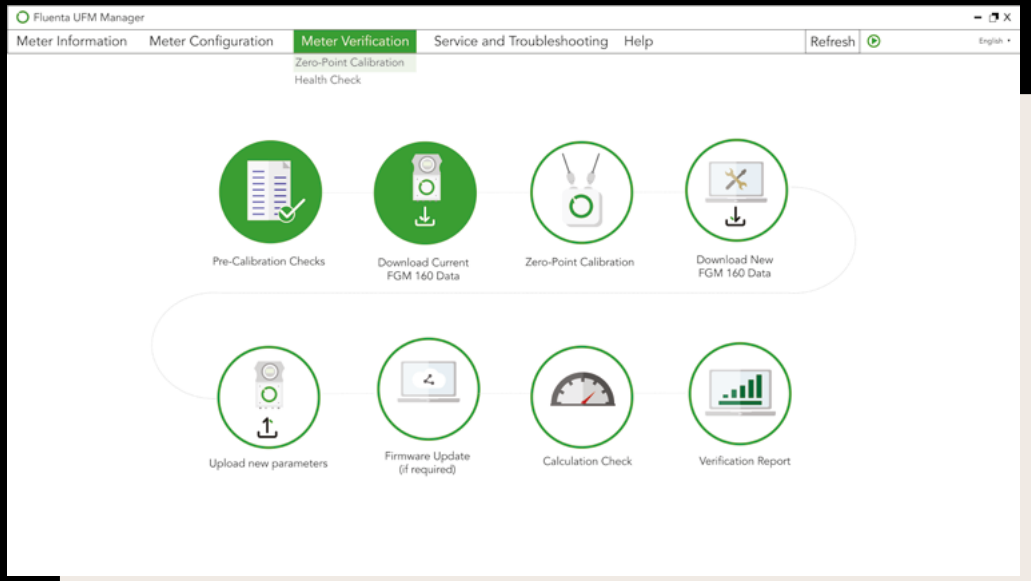


SIMPLE, GUIDED METER VERIFICATION

WITH FLUENTA UFM MANAGER

Self-managed verification is available through Fluenta UFM Manager software.

Our intuitive walkthrough ensures you never miss a step in the verification process and includes a thorough pre-verification visualisation checklist for risk management as per the IECEx explosion proofing standards.



TECHNICAL SPECIFICATIONS

Transducer Compatibility	TFS range Lateral-45 & Bias-90 2" and 3" packing boxes
Power Supply	Host PCB via USB 5v 0.5A max
Connection Type	USB 2 type A to B - provided
Software	UFM Manager with appropriate licence provided, upgrade available
FGM 160 Requirements	DSP FW version required 1.05 or later. Upgrade available via UFM Manager
Items Supplied	FlareCal™ box and protective bag Transducer carry bag x 2 USB connection cable FlareCal™ measurement cable - 1.7m with connections Appropraite UFM Manager software licence

WE'RE FLUENT
IN SMART ENGINEERINED SOLUTIONS

Unrivalled measurement capabilities with our range of transducers

- TFS
- TFS-55
- TFS-HT
- FlarePhase™ Cryo
- FlarePhase™ 250
- FlarePhase™ 350

Flexible, optimised solutions

- Computational fluid dynamics for detailed installation analysis
- Total system uncertainty calculations
- UFM Manager software

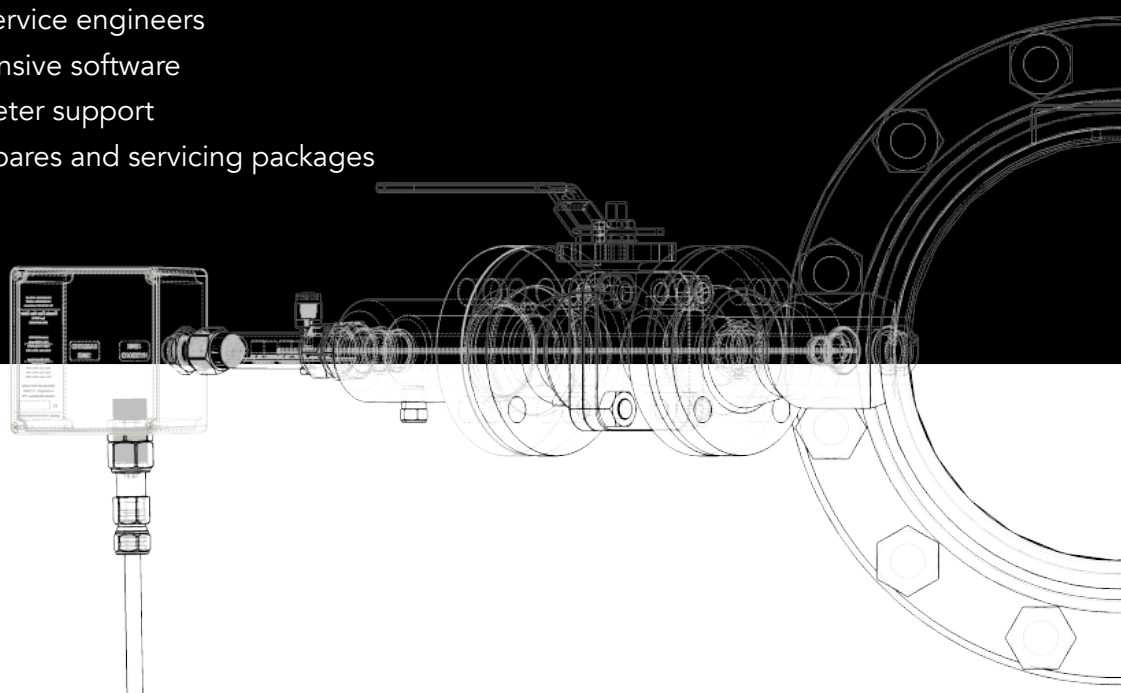
Optional configurations

All our transducers are available in a number of configurations to optimise your installation:

- Single-path - for standard measurement
- Dual-path - for increased redundancy
- Bias 90 - for space limitations & retrofits

Ongoing customer support

- In-house service engineers
- Comprehensive software
- Remote meter support
- Support, spares and servicing packages



WE'RE FLUENT. WE'RE FLUENTA.

With over 3,000 installs across 6 continents, Fluenta has the experience to help you more accurately measure flare gas, to make better business decisions and meet the most stringent regulations.

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