Fuel Gas Analyser

Norsk Fuel Gas Analyser is your guarantee of a near real time analysis of your fuel gas.

In less than 30 seconds you will know your fuel calorific value and methane number together with full gas composition

The Fuel Gas Analyser is ideal for marine and energy installation where changes to the Calorific Values can affect the performance of the associated equipment.

The Fuel Gas Analyser is scalable and can analyse multiple feed streams and be used to verify the LNG bunker delivery note.

Applications:

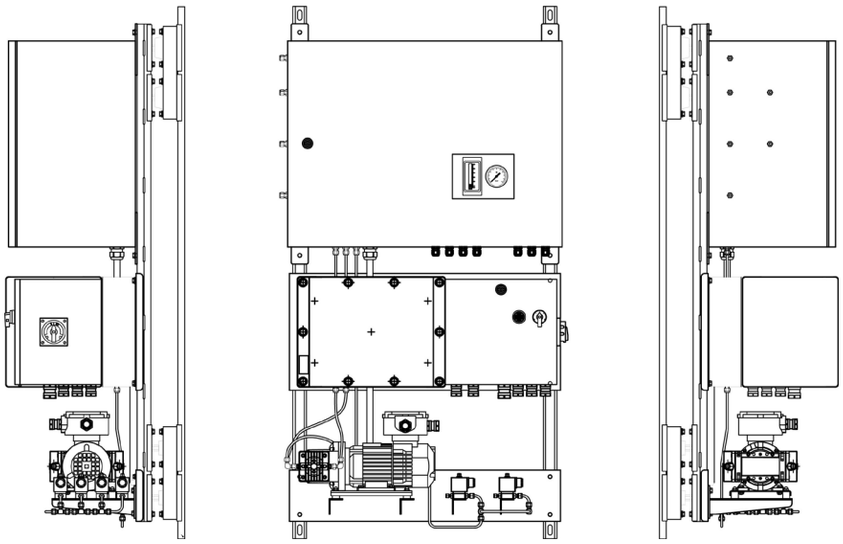
- Engine optimisation
- Methane slip reduction
- LNG bunker verification
- LOC emission measurements
- Fuel Mixer (NH_3 and H_2)
- Power plants

Analyser scope:

- Analyser module
- Sampling system
- Pressure reduction system
- Calibration gas for verification (option)
- Sample return pump (option)
- Heated sample tube (option)
- Cabinet cooler (option)
- Vaporiser probe solution (option)

NORSK

FUEL GAS ANALYSER



Technical specifications

Analyser performance:

Values	Range	Accuracy
Methane	0-100%	0.5%Vol
Ethane	0-20%	0.5%Vol
Propane	0-20%	0.5%Vol
Iso-Butane	0-5%	0.2%Vol
N-Butane	0-5%	0.2%Vol
C5 total	0-2%	0.2%Vol
CO2	0-10%	1.0 %Vol
Nitrogen	0-100%	Balance
Calorific Value (GCV) (ISO 6976:2016)		
Methane Number (MN) (ISO 22302:2014)		

Detection type	Response time
Detailed Analysis Calorific value	< 30 sec
Calorific Value - Change Detection	< 5 sec

Operating conditions:

- + 5 to 60°C (gas)
- Inlet pres: 1-10 barg
- Outlet pres: up to 5 barg (15 barg as optional)
- IP65
- Ex hazardous rating:
  II 2G Ex db eb [ia Ga] mb IIB T3 Gb
- 0-0.5 l/min gas flow
- 230V/24VDC
- Modbus TCP (ProfiBus/Net on request)

Analyser Cabinet:

- Dimensions: 1550 x 800 x 515 mm
- Cabinets: SS316L
- Wetted Parts: SS316
- Ambient temp. range -25-45°C
- Weight: 170 kg
- Power Consumption: 590 W

Please note that datasheet specifications are subject to change without prior notice!

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