

CONTOIL® Fuel Monitor S

Measure your fuel consumption and start to optimise for better savings!

CONTOIL® Fuel Monitor S (CFM-S) helps owners and operators to save fuel and money on all vessel types using heavy fuel oil (HFO) or marine diesel oil (MDO), as we make fuel consumption transparent!

- Transparency of fuel consumption, due to Aquametro's most accurate CONTOIL® sensors and our new CONTOIL® Fuel Monitor S
- up to 10 % of savings after optimised operation, due to better transparency
- sharpen awareness for an economical and efficient operation
- discover and avoid fuel leakage
- discover and prevent fuel theft



Features

- Fits to any pipe and engine concept
- Individual view of engines
- Overall and individual trip data as well as noon-to-noon reports
- Integrated web-server, which allows remote access from any PC
- Data transfer via Ethernet to other onboard equipment
- Simple data storage of main parameters and daily reports on memory cards
- Tamper-proof measurement
- Tested and proved system
- Highest guaranteed system accuracy with Aquametro CONTOIL® control fuel meters

Benefits

- Low installation costs
- Short down-time period (during berthing)
- Minimum maintenance required
- Can be used with already installed meters
- Lowest commissioning costs through guided setup
- Amortisation time less than 2 months!

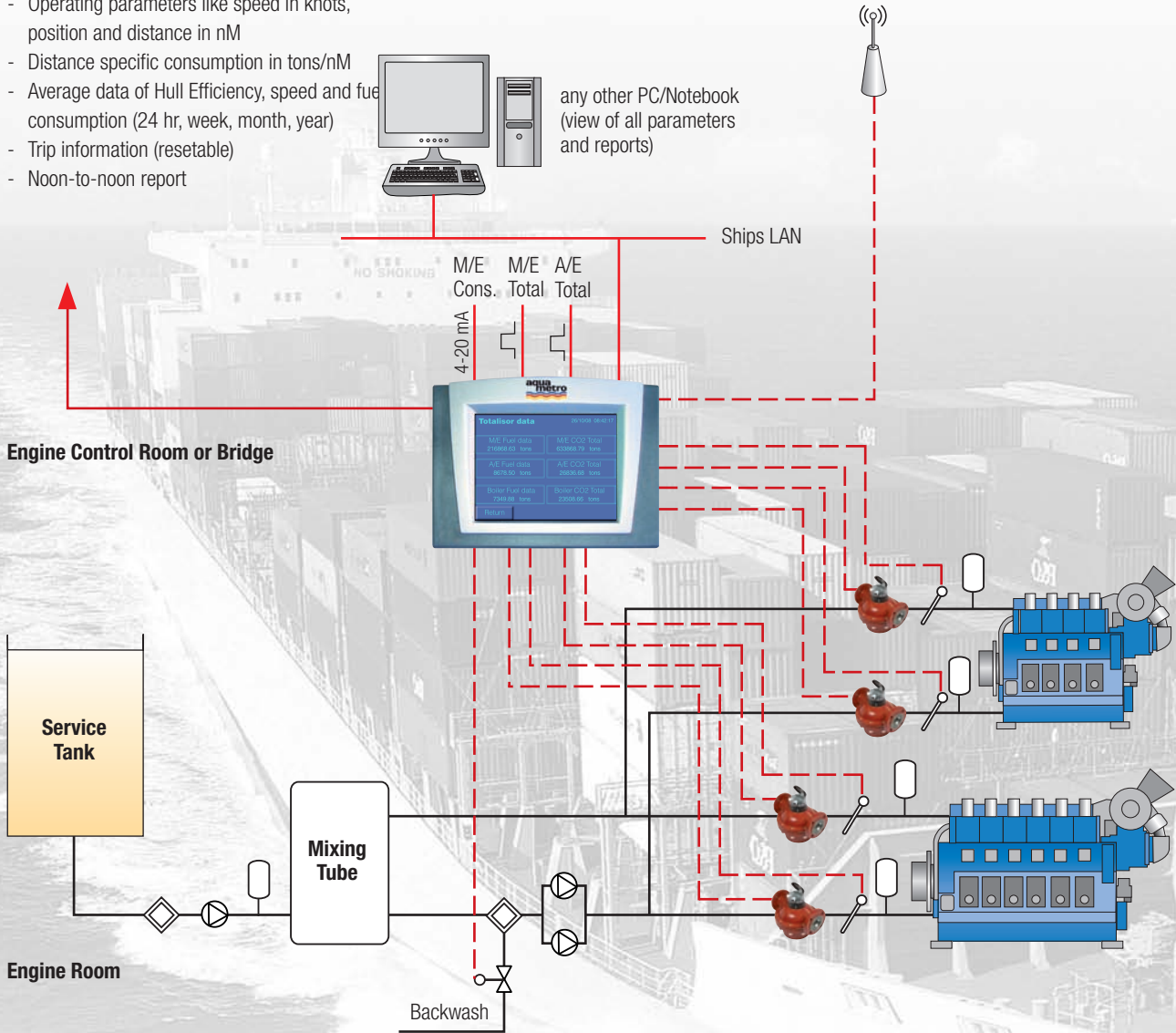
System installation (sample engine configuration):

Onboard information:

- Total Fuel consumption of all engines in kg and tons
- Total CO₂ emission of all engines in tons
- Fuel temperature at each fuel meter in °C
- Operating parameters like speed in knots, position and distance in nM
- Distance specific consumption in tons/nM
- Average data of Hull Efficiency, speed and fuel consumption (24 hr, week, month, year)
- Trip information (resetable)
- Noon-to-noon report

On-shore information (to/via GPS):

- Total Fuel consumed in tons
- Fuel per time in tons/day
- Distance specific consumption (tons/nM)



Perfect combination with CONTOIL® control VZFA 20...50 (see separate brochure):

Feature

- Highest accuracy (better than 0.5 % in total)
- Minimum maintenance requirements
- All meters with Marine Type Approval (LR, DNV and GL)
- Electronic display
- Paired calibration for use in supply and return measurement
- For different fuels like HFO (different grades), MDO, Gas oil, etc.

Benefit

- ➔ Most reliable data
- ➔ Cost-effective
- ➔ Highest operational safety (incl. burst pressure and flammable endurance test)
- ➔ On-site verification
- ➔ Lowest measurement failure
- ➔ Flexible in use



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