

AOM

Highlights 2021?

Remote comissioning

Special times require Special actions

The COVID situation all over the world has shown us all how fragile our economic and social situation can be.

Especially the Maritime Industry had and still has to suffer from restrictions and lockdowns all over the world, which as well influenced our business and commissioning activities for our fuel performance and monitoring systems on board of the vessel.

Aquametro Oil & Marine is facing these new challenges by Introducing not only **new products and solutions**, but as well **remote commissioning**, where no external service technician or specialist is required and no travelling is needed.

We have modified our portfolio so each systems and solutions are either pre-configured or can be commissioned remotely via social network or instant messaging applications. For some systems, the vessel crew even can do the commissioning by themselves with the help of the Manual and Special Project documentation.

This is valid especially for the FPS and RMS Monitoring systems.
Shaft Power SPM commissioning can be offered now with self commissioning!

FPS Fuel Performance System/RMS Remote Monitoring System

In order to have the possibility of remote commissioning and competitive pricing, we offer solutions with different configurations, based on your needs:

FPS Fuel Performance System 2.0 Standard

Configuration:

Standard data input modules: 2 x 8 DI, 1 x 4 AI, 1 x serial interface
full software function for each additional HW installation incl. control cabinet

Fuel Performance System SMART (FPS SMART)

Reduced system with configuration:

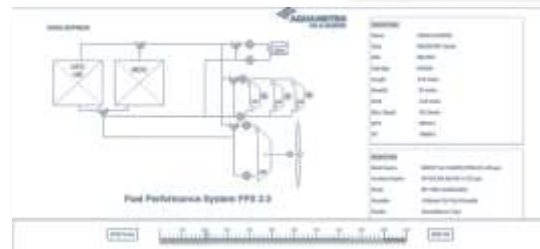
Standard data input modules: 1 x 8 DI, 1 x serial interface
Light software function incl. control cabinet.
not free to extend for additional hardware installation

RMS Remote Monitoring System

Basically for fuel consumption monitoring only

Reduced system with configuration:

Standard data input modules: 1 x 6 DI, 1 x 4 AI incl. control cabinet



remote comissioning

CONTOIL fuelmeter

CONTOIL fuelmeter

These sensors are pre-configured with most common used default values for their analogue and pulse output.

The meters are ready to go after the installation and customer specific programming modifications are easy to do by the crew.

If spare parts are needed for existing Contoil fuelmeter, then exchange is done by vessel crew as the Contoil meter are designed for easy and fast exchange of worn parts in the shortest time possible, so downtime is reduced to the minimum!



Viscosity Control System (VCS)

Additional Display:

Now you can get an optional display for the Viscomaster sensor, where you can see the values and as well have the chance to change the default settings to your needs!



Visco controller:

We have reduced our Visco controller portfolio and have now 2 basic version which will cover all applications:

VC312 for all STEP control valves (attractive price)

VC622 for continuous position control (ex. Name PID)



SPM Shaft Power Meter

Commissioning without Aquametro Oil & Marine staff

We can now offer the option, that the vessel 's crew can do the commissioning and dynamic calibration themselves. Especially in nowadays times, where travelling is restricted, this is a good selling point!

Price for this option is € 2000 - higher than the option, where commissioning & dynamic calibration via service by AOM is done!



Diesel Switch SMART

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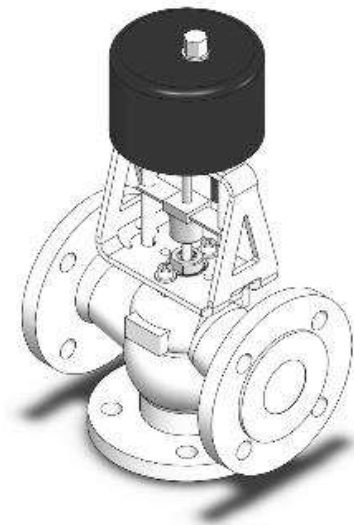
The DS SMART is intended for safe engine operation of automatic change-over procedure as well as fuel management. It's a smart system (consisting of change over valve, 1 temperature transmitter main engine and control cabinet) to control fuel change-over process.

Flange connections according to model DNxx PN16 (DIN2633)

- Air supply: 4-6bar CDA
- Power supply: 230VAC; 50/60Hz
- delivered as individual parts
- inclusive MDO cooler control

- The Diesel Switch SMART is a low cost version for the changeover process with the minimum requirements needed!

Additional Sensors and valves can be selected optional when needed.



Homogenizer Unit (HGU)

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The Homogenizer Unit (consisting of Homogenizer, feed pump, piping, inlet strainer, in-/outlet ball valve, flow switch and control cabinet) is usually installed in fuel and/or tank circulating system and is designed and solely intended for improving the fuel quality.

It serves for stable fuel conditions in **storage, settling or service tanks**, treat sludge or waste oil as well as to have stable long-term blended fuel.

- Complete mounted unit on frame with workshop certificate
- Capacity according to specifications
- Max 15bar; max. 150°C (oil temp.); flange: DIN2633
- Control cabinet included as individual part
- Power supply: 400/460V 50/60Hz

