

# Consumption calculation enables reducing fuel costs

## Problem case

A large producer in The Netherlands of accurate PD flow meters for measuring (diesel) fuel consumption, mainly in shipping, needed universal, accurate and easy to use flow computers on their flow meter systems for fully fledged fuel consumption measurement. The challenge: A high multiplicity of different fuel supply systems for diesel engines on the market. Some examples: One-channel systems, two-channel systems with fuel supply and return flow of the engine, with/without temperature compensation, different engines brand and type, single or multi-motor systems and all combinations thereof. With all these different systems in the field, having different types and brands of flow computers creates much hassle, high costs and fitting problems. Something every successful flow meter producer wants to avoid!

## Fluidwell solution

Fluidwell's large assortment of flow computers is suitable for all kinds of fuel measurements: 200,000+ combinations of sensor in- and outputs, power and sensor supplies, with or without temperature compensation! There is always a perfect fit for the fuel system at hand. No other producer has such a large variety of options and formats to fit all kind of applications. An additional advantage is the option to mount the F-Series into a panel with only limited depth clearance, just as easy as on walls and pipes. And Fluidwell offers *private label execution* in the customer's own house style, for consistent looks. The customer just chooses per order which specific options he needs for the fuel system at hand and sells his own customer a tailor-made flow meter system, the most optimal solution!

## Results

- ✓ No more hassle or searching: He can always count on Fluidwell for the best flow computer in the market.
- ✓ Flow meter sales rose considerably, with end customers most satisfied with the tailor-made solutions.
- ✓ Pre and after sales costs dropped considerably.

Obviously the flow meter producer is very satisfied with these results, with the universal nature of operation and with the consistent look in this one-stop solution. Nowadays he exclusively orders his flow computers at Fluidwell, also for other applications, like hydraulics. Additionally, combining a reliable flow meter system with an accurate, tailor-made flow computer for the specific needs brings the end-customer great savings: Accurate insights in the engine's fuel consumption enables fuel costs reductions by 5-10%. Savings with high fuel consumption in the shipping industry (200-1000 liters per engine per hour) and high fuel prices (around €0.80 per liter) can range from €8 to €80 hourly per engine!

## More advantages

All field mounted F-Series products have IP67 classification: Resistant to extreme weather conditions without risk of (salt) water damage and resulting problems thereof. The plain, sensitive menu structure without confusing abbreviations and difficult codes is the same for all Fluidwell versions, products *and* series. Know one, know them all! Save time, hassle and costs with the same functioning, irrespective of the fuel system in place. You've got to have a Fluidwell!

More information on the Fluidwell F-Series:

[General information Fluidwell F-Series](#)

[One-channel system information and datasheets \*\*F110\*\* & \*\*F126\*\*](#)

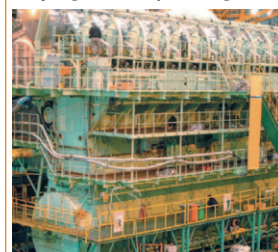
[Two-Channel system information and datasheet \*\*F116\*\* & \*\*F127\*\*](#)

[General brochure Fluidwell F-Series](#)

High fuel consumption ship



Very high consumption engine



Flow Computers in engine room



Flow Computer in control room

