

Fuel Consumption Meter with DAM (Data Acquisition Module) IoT Software



Tired of keeping track of the consumption of furnace oil (FO) or Light diesel oil (LDO)?

➤ Heatcon introduces a unique system that measures and records the flow rate and total consumption of fuels.

Contents & Features

1. Flow Sensor

This flow sensor detects the mechanical movement of gears that rotate with flow.

- Principle of hall effect / magnetic pickup
- The number of pulses corresponds to the flow rate
- Rugged, wear resistant and highly accurate
- Flow rates from 0.5 LPH to 1,00,000 LPH

2. Flow indicator/totaliser

- The flow totaliser is a unit with 2 line LCD display that measures the flow rate and totalises it
- The display is scalable with 4-20 mA or MODBUS output
- The MODBUS output is connected to a data acquisition module (DAM) that collects the flow rate and total flow

3. Data Acquisition Module(DAM) –

- The DAM is an electronic device that collects the data from flow meter and processes it.
- The data is displayed on computer with date and time stamp.
- A powerful real time data monitoring software enhances the report generation and analytics capability.
- Consumption is calculated automatically with real time. The data can be sent to server or cloud based networks.



Applications

Furnaces

Diesel Generator Sets

Vehicles

Lubricating Machines