



## Product Manual

### Model Numbers:

SDFM01  
SNDFM01  
SNDFM02

### Product Names:

Digital Flow Meter  
Digital Fuel Nozzle & Flow Meter  
Digital Oil & Lubricant Nozzle



**NOTE: The digital flow meter is not water proof & should not be left exposed to the elements.**

## FLOW METER:

- 5 Digit Liquid Crystal Display
- 4 Units: L, GAL, QT, PT
- 2 Buttons: RESET , CAL

### Details of Operation:

#### 1. Erasing Data:

RESET → 0.00

#### 2. Switching between total and the total per unit of time:

CAL → Switch between the total and the total per unit of time, the data displayed before “TOTAL” is the total volume, the data displayed before “RESET TOTAL” is the total per unit of time.

#### 3. Erasing the total per unit of time:

RESET for 3 sec. → displayed “CLEAN”  
CAL → confirm to erase the total per unit of time  
RESET → cancel to erase the total per unit of time

#### 4. Modifying the Correction Factor:

CAL for 3 sec. → this goes into Correction Factor Change Mode  
RESET → Choose the digit you want to change  
CAL → Change the digit until the correct number is reached. After 3 seconds the correction factor mode will automatically quit.

**NOTE:** The digital gauge may require adjustment by you depending on the the fluid being measured. Errors can occur depending on the liquid or medium being pumped. A correct factor can be added or adjusted to overcome this. Adjusting the correction factor by 1 has ~0.8% change on the flow meter reading. A general procedure for adjusting the digital gauge is to fill a bottle of predetermined volume and add or subtract from the factory setting (correction factor) each time until the correct volume is measured.

The lubricants/oil data range is between 0960-0990

The diesel data range is between 1030-1090

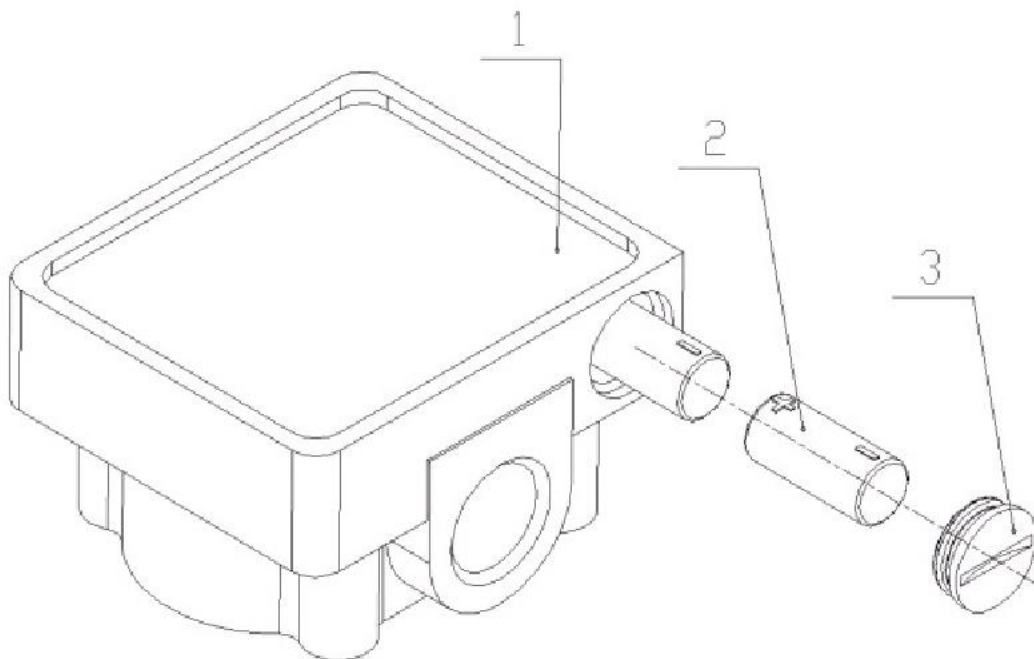
\*\*The less viscous the fluid the higher the number.


## 5. Changing the measurement unit:

CAL for 3 sec. → Measurement Unit Change Mode,  
RESET → Choose the unit you want to change,  
CAL → switch between the four units ( L, GAL, Qt and PT ) until the correct units are shown. After 3 seconds the measurement Unit Change Mode will automatically quit.

## Changing the battery:

**Note: A 3.6V Lithium Battery is required. DO NOT use AA 1.5V batteries.**



When the battery signal  is flashing on the display, change the battery.  
-- Remove the protector cover, change the battery and screw the lid on again.

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