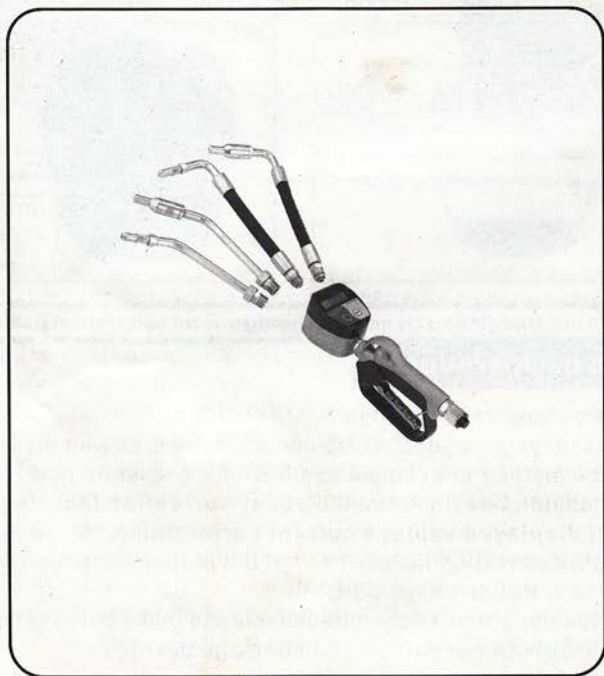


# Digital Oil Control Valve

Manual

## Manual



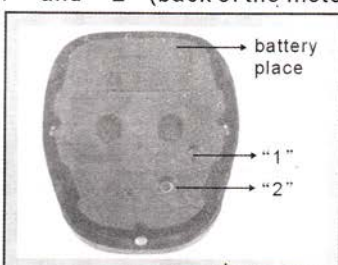
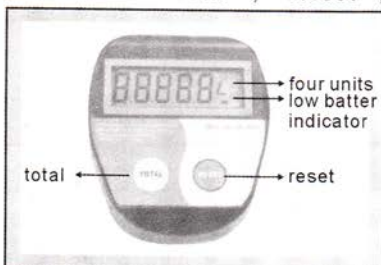
## General

The digital meter gun with rigid or flexible tube. The manual or Auto-manual tip with the appropriate connection to establish a controlled flow through the meter.



## Meter

- 5-digit liquid crystal display
- 4 units: L, GAL, PT and QT
- accurate to the second decimal place
- low battery indicator
- 4 buttons: "Total", "Reset", "1" and "2" (back of the meter)



**Attn: Do not apply the meter as a measuring tool for commercial trading**

## Details of Operation

1. Before putting into operation
  - check the technical data of the installation match with those of the lube meter. For example connections, pressure, flow range and medium. Use the formula: **Proper correction factor = (actual Value/ displayed value) x current correction factor** to decide the right connection factor, then set the proper correction factor (refer to 3. Button usage part)
  - Once the meter has been installed, please make sure that no air pressure shocks or particles can damage the meter
  - Please check all connections to leakage.

## 2. Change the battery

- Battery type: Lithium CR123A, 3V/1400 mAh
- last for 8 years of operation, corresponds to approx. 500,000 litres (132.000 US GAL)
- change the battery like below when the battery signal is flashing on the display
- Remove the protector cover, unscrewing the screw
- Change the battery and screw the lid on again



## 3. Button usage

- Total → Totalize the volume
- Reset → 0.00
- "1" → Into Correction Factor or measurement unit change mode
- "2" → Activate the meter again incase it is dead
- Total+Reset<5sec. → Show current correction factor
- Modify Correction Factor
  - "1" for 1sec. → into Correction Factor Change mode
  - Total → Choose the digit wanted to change
  - Reset → add 1 on the digit, until reach the right number
  - "1" for 1sec. → quit Correction Factor mode
- Change measurement unit
  - "1" for 1sec. → into Measurement Unit Change mode
  - Total → Choose the unit wanted to change
  - Reset → switch between the four units (L, GAL, PT and QT)
  - "1" for 1sec. → quit Measurement Unit Change mode

### Installation procedure

The Digital gun is equipped with a 1/2" (BSP/NPT) female thread on the inlet side. In order to obtain a leakage free connection from the meter to the hose, the hose end must have a 1/2" (BSP/NPT) male thread.

-- Clean both threads from fat.

-- Brush the 1/2" male thread at the hose with liquid sealant sealing. Please be careful that no sealing gets into the meter.

-- Screw both parts together.

Do not over-tighten the screw connection; otherwise the swivel of the meter could be damaged.

### Technical data

Description	America	Europe
Flow rate range	0-9.2gpm	0-35 L/m
Operating Pressure (Maximum):	1500 psi / 100 bar	1500 psi / 100 bar
Working Temperature:	14°F-+122°F	-10°C-+50°C
Accuracy(non-approved version)	±0.5%	±0.5%
Accuracy(approved version)	±0.3%	±0.3%
Applied Viscosity of Fluid	8-5000mPas	8-5000mPas
5-Digit LCD display	Quarts, Pints, Gallons	Liters
Inlet and outlet connections	1/2" NPT	1/2" BSP