

**FLAMEC** medium capacity flowmeters provide precise volumetric flow measurement of clean liquids found in a broad range of industries including automotive, aviation, mining, power, chemical, pharmaceutical, food, paint & petroleum. Applications include the distribution of fuels, fuel oils, lubricants, alcohols, solvents, blending of bio & ethanol fuels, metering of chemicals, grease, adhesives, ink, insecticides & non-conductive liquids either pumped or gravity fed.

### FEATURES/BENEFITS

- High accuracy & repeatability, direct reading flowmeter
- No requirement for flow conditioning ( straight pipe runs )
- All metal rotors standard
- Measures high & low viscosity liquids
- Quadrature pulse output option & bi-directional flow

### METER SELECTION

- **Aluminum meters** are used for petroleum products including oils and grease, fuels and fuel oils.
- **Stainless steel** meters are for chemicals, water base liquids or where aluminum is not suited or permitted.
- **Blind pulse meters** are available with a reed switch & open collector outputs. Quadrature pulse outputs are optional.

### INTEGRAL INSTRUMENTS

**FLAMEC** meter options include integral LCD totalisers, flow rate totalisers & batch controllers. These instruments provide monitoring & control outputs including 4~20mA, scaled pulse, alarms & batch. Robust mechanical registers complete range :

- BT 5 digit reset, 8 digit cumulative totaliser.
- RT 6 digit reset, cumulative totaliser & flow rate.
- EB 6 digit 2 stage batcher & cumulative totaliser.
- M\* = Mechanical registers ( see model numbering )

*(Instruments also available for remote mounting and with I.S. approvals)*

### GENERAL SPECIFICATION

**Flow rates** : 1 ~ 450 litres / min. ( 0.26~ 120 USgal/min ) \*  
**Sizes** : 15~50mm ( 1/2~2" NB )  
**Materials** : Aluminum or 316 Stainless steel

\* see also small & large capacity data sheets for other size meters



Pulse meter



with LCD register



with 3 or 4 digit mechanical register

