

Macnaught Flow Measurement Technical Specification Sheet

| | | | | | | | | | |
|---------------------------|--------------------|---------------------|----------------|----------------|----------------------|-------------------------|-----------------------------------|---------------|--|
| Meter Model Number | | Port Size- | | 1/4" | | Body Material | | 316SS | |
| M009-2T1 | | Port Thread- | | NPT | | Rotor Material | | 316SS | |
| | | <u>Min</u> | | <u>Max</u> | | Bushing Material | | Carbon | |
| Flow Range | Litres/Min | < 5 cPs | 25 LPH | 500 LPH | Seal Material | | FFKM (Perfluoro Elastomer) | | |
| | | > 5 cPs | 15 LPH | 500 LPH | | | | | |
| | USG/Min | < 5 cPs | 6.6 GPH | 132 GPH | | | | | |
| | | > 5 cPs | 4 GPH | 132 GPH | | | | | |
| | | <u>kPa</u> | <u>BAR</u> | <u>PSI</u> | | | | | |
| Pressure | Max WP | 5500 | 55 | 800 | | | | | |
| | | <u>°C</u> | <u>°F</u> | | | | | | |
| Temperature | Min | -40 | -40 | | | | | | |
| | Max | 120 | 248 | | | | | | |
| K Factor | | Pulses/Litre | 400 | | | | | | |
| | | Pulses/USG | 1514.16 | | | | | | |
| Pulse Output | Reed & Hall Effect | | - | | | | | | |
| Accuracy | | | 1.0% | | | | | | |
| Repeatability | | | 0.03% | | | | | | |
| Rotor Type | Hi-Temp. 316 SS | | - | | | | | | |



Accessories

DIGITAL DISPLAYS

| | <u>Local Display</u> | <u>Remote</u> | |
|-------------|----------------------|------------------|-----------------------|
| | <u>Aluminium</u> | <u>Aluminium</u> | <u>Remote Plastic</u> |
| DR | DR4-2A | DR-WM | - |
| DRA | DRA4-2A | DRA-WM | - |
| ER | - | ER-RMA | ER-RMP |
| ERA | - | ERA-RMA | ERA-RMP |
| ERB | - | ERB-RMA | ERB-RMP |
| ERS | - | ERS-RMA | ERS-RMP |
| ERX | - | - | - |
| ERAX | - | - | - |
| ERBX | - | - | - |

PORT ADAPTORS AND STRAINER KITS

Port Adaptor Kits Include O-rings and Bolts

| | |
|---------------------------|----------|
| SS Y-Strainer- | YS800-02 |
| Air/ Eliminator Strainer- | - |
| Ansi 150# Flange Adaptor- | - |
| DIN PN16 Flange Adaptor- | - |
| JIS 10k Flange Adaptor- | - |
| BSP (Rp) Thread Adaptor- | - |
| NPT Thread Adaptor- | - |

** Note : The max press. of the flowmeter must be adjusted to account for the rating of the flange type selected.*

DIMENSIONAL DRAWING

