

### MR Mechanical Registry Control Handles Description

- 1.1. MR meter housing will be polycarbonate based integral register housing and single molded pointer knob will guarantee maximum integrity of the meter against drops and impacts.
- 1.2. MR meter will have a simple and easy to read dial can be read at any time regardless of the ambient temperature or in direct sunlight.
- 1.3. MR meter will have a full metal meter for long life and maximum durability.
- 1.4. MR meter will have larger measuring chamber improves delivery rate up to 0.5-5.3 gal/min (2-20 l/min).
- 1.5. MR meter will have a non-resettable totalizer function: shows total amount of fluid that has flowed through the meter and is tamper proof.
- 1.6. Control handle will have an precision machined Aluminum die cast body with mold in-place ergonomic soft grip for comfort and balance.
- 1.7. Control handle can accept many styles of dispense tips; ¼ turn manual, automatic tip and semi automatic tips available. All Balcrank tips are fast and easy to operate.
- 1.8. Control handle will fit many styles of fluids extensions: Rigid, Flex, Flex 90 and Memory-flex (Memory-flex can be adjusted to any shape and it will retain its shape until technician re-adjusts it.)
- 1.9. Control handle will have die cast flange coupling eliminating the use of a threaded connection. Flange coupling provides superior integration for meter and handle.
- 1.10. Control handle will include rubber swivel cover that protects painted surfaces from scratches.
- 1.11. Control handle will have a sealed ball bearing swivel capable of 8 Gal/m with integrated inlet strainer to remove debris that may cause dispense valve failure.
- 1.12. Control handle will have a trigger lock button that prevents accidental fluid dispense, can also be used to lock trigger in the open dispense position when used in conjunction with a fluid inventory system. Open dispense position can be disabled for those that do not need this feature.

### MR Mechanical Registry Control Handles Specifications:

- 2.1. All MR control handles will measure in liters and quarts.
- 2.2. All MR control handles will have a measurement accuracy of +/- 0.5%
- 2.3. All MR control handles will have a flow range of 0.5-5.3 gal/min (2-20 l/min)
- 2.4. All MR control handles will have a maximum pressure of 1,450 psi (100 bar)
- 2.5. All MR control handles will have a swivel inlet of 1/2" NPT(F)
- 2.6. All MR control handles will have an operating temperature of 110 to 160 °F (-23 to 70 °C) and be suitable for extreme temperature conditions
- 2.7. All MR control handles will weight 3.75 lb (1.7 kg)
- 2.8. All MR control handles will come standard with 1 black shroud.

### Materials

- 3.1. MR control handles wetted materials will consist of Aluminum, stainless Steel, Zinc alloy, Buna-n™, Zinc plated Steel, and Brass.

### Warranty

- 4.1. MR control handle meters have a 2-year parts and labor warranty (defects in materials and workmanship only).
- 4.2. The control handle components will have a one-year replacement only warranty (defects in materials and workmanship only).