

Control Handles

DR Meter (Digital Register Meter)

DR Metered Control Handle Description

- 1.1. DR Meter will not require field calibration.
- 1.2. DR Meter Aluminum machined housing will be totally encased by polycarbonate with TP Elastomer over mold. This provides superior impact resistance while isolating the electronic register module (ERC).
- 1.3. DR Meter battery compartment will be sealed, requiring no cables to the ERC.
- 1.4. DR Meter will have a low power consumption indicator controlled by the ERC with auto-sleep function that is activated after 30 seconds of non-use.
- 1.5. DR Meter will have a resettable trip function: the resettable trip function can operate as an economical, means to reconcile your fluid inventory.
- 1.6. DR Meter will have a non-resettable totalizer function: shows total amount of fluid that has flowed through the meter and is tamper proof.
- 1.7. Control handle will have an precision machined Aluminum die cast body with mold in-place ergonomic soft grip for comfort and balance.
- 1.8. 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.
- 1.9. 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.)
- 1.10. Control Handle will have die cast flange coupling eliminating the use of a threaded connection. Flange coupling provides superior integration for meter and handle.
- 1.11. Control handle will include rubber swivel cover that protects painted surfaces from scratches. A shroud is used for fluid identification, other shroud colors available; red, blue, yellow, green, and black.
- 1.12. 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.
- 1.13. 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.

DR Series Metered Control Handles Specifications:

- 2.1. All DR meters will measure in quart, liter, pint, and gallon; totalizer unit of measure is gallons.
- 2.2. All DR meters will have a measurement accuracy of +/- 0.5%
- 2.3. All DR metered control handles will have a flow rate of 0.26-8 gal/m (1-30 l/m)
- 2.4. All DR metered control handles will have a maximum working pressure 1,450 psi (100 bar)
- 2.5. All DR metered control handles will have a sealed ball bearing swivel with 1/2" NPT (F) threads and a integrated inlet strainer made of 40 mesh material.
- 2.6. DR metered control handles will have an operating temperature of 140°F to 160°F (-10°C to 60°C)
- 2.7. DR metered control handles will weight 4 lb (1.80 kg)
- 2.8. DR meter will have a power source is two alkaline 1.5v "AAA" battery size.

Materials

- 3.1. The wetted materials will consist of Liquid Crystal Polymer (LCP), Aluminium, Buna-N™, Zinc Plated Steel, Stainless Steel, Neodymium, and Brass.

Warranty

- 4.1. DR control handle meters have a 1-year standard warranty on defects in materials and workmanship only.
- 4.2. The control handle components will have a 1-year replacement only warranty (defects in materials and workmanship only).