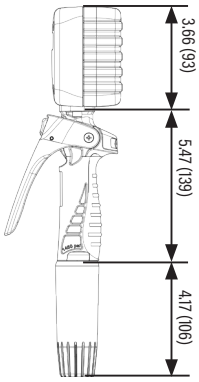
UNIT OF MEASURE	FLOW RANGE	MAX. PRESSURE	WEIGHT	RECOMMENDED FLUIDS
NON-METERED				
-	0.26 - 10.5 gal/min (1-40 l/min)	1,450 psi (100 bar)	3.30 lb (1.5 kg)	Oil, transmission fluid, hydraulic fluid, and anti-freeze
DR SERIES METERED				
gallon quart pint liter	0.26 - 8 gal/min (1-30 l/min)	1,450 psi (100 bar)	4 lb (1.80 kg)	Oil, transmission fluid, hydraulic fluid, and anti-freeze
MO SERIES METERED				
quart liter	0.26 - 8 gal/min (1 -30 l/min)	1,000 psi (70 bar)	4 lb (1.80 kg)	Oil, transmission fluid, hydraulic fluid, and anti-freeze
MR SERIES METERED				
quart liter	0.26 - 8 gal/min (1 -30 l/min)	1,450 psi (100 bar)	3.75 lb (1.7 kg)	Oil, transmission fluid, hydraulic fluid, and anti-freeze
MR SERIES PRESET METERED				
gallon quart liter	0.25 - 8 gal/min (1-30 l/min)	1,450 psi (100 bar)	4.4 lb (2 kg)	Oil, transmission fluid, hydraulic fluid, and anti-freeze
HIGHFLO NON-METERED				
-	0.26 - 24 gal/min (1- 90 l/min)	1,450 psi (100 bar)	4.5 lb (2.05 kg)	Oil, transmission fluid, hydraulic fluid, and anti-freeze
HIGHFLO METERED				
gallon quart pint liter	0.52 - 19 gal/min (2-70 l/min)	1,450 psi (100 bar)	6.3 lb (2.85 kg)	Oil, transmission fluid, hydraulic fluid, and anti-freeze
CONTROL HANDLE FOR WATER BASED FLUIDS NON-METERED				
-	8 gal/min (30 l/min)	725 psi (50 bar)	1 lb (0.4 kg)	Anti-freeze, windshield wash solution, and water
CONTROL HANDLE METERED FOR WATER BASED FLUIDS METERED				
gallon quart pint liter	8 gal/min (30 l/min)	725 psi (50 bar)	2.2 lb (1kg)	Anti-freeze, windshield wash solution, and water
ELECTRONIC PRESET METERED				
gallon quart pint liter	0.25 - 10 gal/min (1- 38 l/min)	1,000 psi (70 bar)	5.5 lb (2.5 kg)	Oil, transmission fluid, hydraulic fluid, and anti-freeze

833398 MULTI COLORED SET; RED, YELLOW, GREEN, BLUE (4 PCS)



Dimensions inches (mm)

Overview

- Precision robotically machined Aluminum die-cast fluid chamber for repeatable accuracy
- Sealed battery compartment; 2 AAA batteries
- Low power consumption with auto sleep function.
- Trip mode function; can operate as a simple fluid management device.
- Non-resettable totalizer; maintains total volume of meter since day one.
- Ergonomic comfort handle
- Unique 1/4 turn manual tip; fast, simple.
- Flanged coupling; prevents leaks commonly found in competitive meters.
- Swivel protective cover.
- Affordable repair-ability.

MODELS AVAILABLE	EXTENSION TYPE & NOZZLE	EXTENSION CODE
Verify ID of ATF fill port for compatibility.		
❑ **3330-161**	Flex Auto	3332-095
❑ **3330-157**	Rigid 1/4 turn - OIL	3332-091
❑ **3330-158**	Flex 90 1/4 turn - OIL	3332-092
❑ **3330-159**	Flex-memory 1/4 turn - OIL	3332-093
❑ **3330-169**	Rigid 1/4 turn - ATF	3332-101
❑ **3330-172**	Flex-memory 1/4 turn - ATF	3332-104
❑ **3330-166**	DR bare	-

TECHNICAL DATA	
Units of measure	Batch: Gallons, Quarts, Pints, and Liters (in 0.01 increments)
Accuracy	+/- 0.5% of reading (lubricating oils)
Flow Range	0.26-8 gal/min (1-30 l/min)
Maximum pressure	1,450 psi (100 bar)
Swivel inlet	1/2" NPT(F)
Dispense Nozzle OD	Auto = 0.605" Manual 1/4 turn for OIL = 0.705" Manual 1/4 turn for ATF= 0.315" Verify ID of ATF fill port for compatibility
Operating temperature	14 ºF to 140 ºF (-10 ºC to 60 ºC)
Weight	4 lb (1.80 kg)
Battery	2 x 1.5 v alkaline "AAA"
Compatible Fluids	Oil, transmission fluid, hydraulic fluid, and anti-freeze
Wetted Materials	Liquid Crystal Polymer (LCP), aluminum, Buna-N™, zinc plated steel, stainless steel, neodymium, and brass
Service Bulletin	SB 3095

Fluids

- Synthetic and mineral based lubricants
- Gear Oil
- Hydraulic oil and fluids
- ATF
- Anti-freeze (glycol) and anti-freeze water solution

Markets Served

- Car and truck dealers
- Fast lube and maintenance shops
- Fleets
- Mining and construction
- Lube trucks

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:

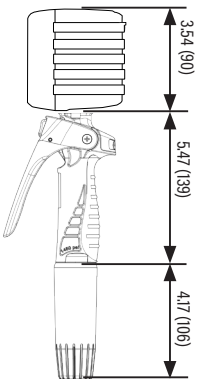
2.1. All DR meters will measure in quart, liter, pint, and gallon; totalizer unit of measure is gallons.
2.2. All DR meters will have a measurement accuracy of +/- 0.5%
2.3. All DR metered control handles will have a flow rate of 0.26-8 gal/m (1-30 l/m)
2.4. All DR metered control handles will have a 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 140ºF to 160ºF (-10ºC to 60ºC)
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).



Dimensions inches (mm)

833398 MULTI COLORED SET; RED, YELLOW, GREEN, BLUE (4 PCS)

Overview

- 6-digit totalizer; keeps lifetime record of volume dispensed in gallons
- Meter with odometer display, works without batteries and performs well in all environments
- No calibration required; precision machined metering chamber assures repeatable accuracy
- Ergonomically designed grip handle for optimum comfort
- Unique 1/4 turn manual non-drip tip; fast, simple
- Included swivel hose-end cover, protects vehicle or machine surfaces from scratches

MODELS AVAILABLE	EXTENSION TYPE & NOZZLE	EXTENSION CODE U/M	
Verify ID of ATF fill port for compatibility.			
❑ **3330-205**	Flex-memory 1/4 turn - OIL	3332-093	QT
❑ **3330-206**	Flex 90 1/4 turn - ATF	3332-104	QT
❑ **3330-207**	Rigid 1/4 turn - OIL	3332-091	QT
❑ **3330-208**	Flex 90 1/4 turn - OIL	3332-092	QT
❑ **3330-212**	Flex-memory 1/4 turn - OIL	3332-093	L
❑ **3330-213**	Flex 90 1/4 turn - ATF	3332-104	L
❑ **3330-214**	Rigid 1/4 turn - OIL	3332-091	L
❑ **3330-215**	Flex 90 1/4 turn - OIL	3332-092	L
❑ **3330-204**	Bare	-	QT
❑ **3330-211**	Bare	-	L

Fluids

- Synthetic and mineral based lubricants
- Gear Oil
- Hydraulic oil and fluids
- ATF
- Anti-freeze (glycol) and anti-freeze water solution

Markets Served

- Car and truck dealers
- Fast lube and maintenance shops
- Fleets
- Mining and construction
- Lube trucks

TECHNICAL DATA	
Units of measure	Quarts & Liters (totalizer Gallons)
Accuracy	+/- 1%
Flow Rate	0.25 - 8 gal/min (1 - 30 l/min)
Maximum pressure	1,000 psi (70 bar)
Swivel inlet	1/2" NPT(F)
Dispense Nozzle OD	Auto = 0.605" Manual 1/4 turn for OIL = 0.705" Manual 1/4 turn for ATF= 0.315" Verify ID of ATF fill port for compatibility
Operating temperature	14 °F to 140 °F (-10 °C to 60 °C)
Weight	4 lb (1.80 kg)
Compatible Fluids	Oil, transmission fluid, hydraulic fluid, and anti-freeze
Wetted Materials	Acetal, aluminum, stainless steel, Buna-N™, Zinc plated steel, TPU, Polyamide
Service Bulletin	SB 3113

MO Metered Control Handle Description

1.1. MO Meter will have a 6-digit totalizer; keeps lifetime record of volume dispensed in gallons.
1.2. MO Meter will have odometer display, works without batteries and performs well in all environments.
1.3. MO Meter requires no calibration; precision machined metering chamber assures repeatable accuracy.
1.4. MO Meter will have an ergonomically designed grip handle for optimum comfort.
1.5. MO Meter will have a unique 1/4 turn manual non-drip tip; fast, simple.
1.6. MO Meter will have an included swivel hose-end cover, protects vehicle or machine surfaces from scratches.

MO Series Metered Control Handles Specifications:

2.1. All MO meters will measure in quart and liter; totalizer unit of measure is gallons.
2.2. All MO meters will have a measurement accuracy of +/- 1%
2.3. All MO metered control handles will have a flow rate of 0.25-8 gal/m (1-30 l/m)
2.4. All MO metered control handles will have a maximum working pressure 1,000 psi (70 bar)
2.5. MO metered control handles will have an operating temperature of 140°F to 140°F (-10°C to 60°C)
2.6. MO metered control handles will weight 4 lb 1.80 kg)

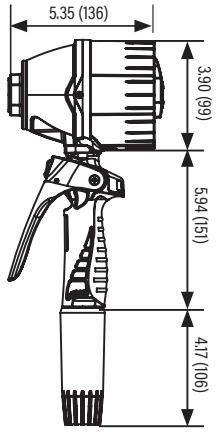
Materials

3.1. The wetted materials will consist of Acetal, Aluminium, Stainless Steel, NBR, Zinc plated steel, TPU, and Polyamide.

Warranty

4.1. MO 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).

Control Handles - MR (Mechanical Registry Meter)



Dimensions inches (mm)

Overview

- One piece molded pointer knob is resistant to impacts
- No calibration required; precision machined metering chamber assures repeatable accuracy
- Viscosity and temperature change does not affect accuracy.
- 33% improved performance over competitive mechanical meters
- 5-digit totalizer; keeps lifetime record of volume dispensed.
- Easy access filter in swivel at meter inlet Swivel protective cover.
- Unique 1/4 turn manual tip; fast, simple
- Flanged coupling; prevents leaks commonly found in competitive meters.
- Ergonomic comfort handle

MODELS AVAILABLE	EXTENSION TYPE & NOZZLE	EXTENSION CODE U/M	
Verify ID of ATF fill port for compatibility.			
❑ **3330-189**	Rigid 1/4 turn-OIL	3332-091	Qt
❑ **3330-192**	Flex Memory 1/4 turn-OIL	3332-093	Qt
❑ **3330-196**	Flex Memory 1/4 turn-ATF	3332-104	Qt
❑ **3330-177**	Rigid 1/4 turn-OIL	3332-091	L
❑ **3330-180**	Flex Memory 1/4 turn-OIL	3332-093	L
❑ **3330-184**	Flex Memory 1/4 turn-ATF	3332-104	L
❑ **3330-202**	MR Bare	L	
❑ **3330-203**	MR Bare	Q	

TECHNICAL DATA	
Units of measure	Gallons and Liters (in 0.01 increments)
Accuracy	+/- 0.65%
Flow Rate	0.26 - 8 gal/min (1 - 30 l/min)
Maximum pressure	1,450 psi (100 bar)
Swivel Inlet	1/2" NPT(F) Swivel
Dispense Nozzle OD	Auto = 0.605" Manual 1/4 turn for OIL = 0.705" Manual 1/4 turn for ATF= 0.315" Verify ID of ATF fill port for compatibility
Operating Temperature	14 °F to 140 °F (-10 °C - 60 °C)
Weight	3.75 lb (1.7 kg)
Compatible Fluids	Oil, transmission fluid, hydraulic fluid, and anti-freeze
Wetted Materials	Aluminum, stainless steel, zinc alloy, Buna-N™, zinc plated steel and brass
Service Bulletin	SB 3096

Fluids

- Synthetic and mineral based lubricants
- Gear Oil
- Hydraulic oil and fluids
- ATF
- Anti-freeze (Glycol)

Markets Served

- Car and truck dealers
- Fast lube and maintenance shops
- Fleets
- Mining and construction
- Lube trucks
- Railroad and mass transit

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 +/- 0.65%
2.3. All MR control handles will have a flow rate of 0.26-8 gal/min (1-30 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 14 ºF to 140 ºF (-10 ºC to 100 ºC) 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.

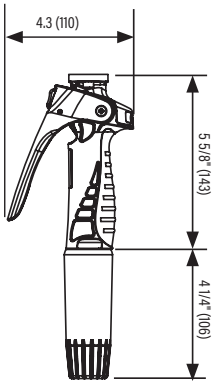
Materials

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 1-year replacement only warranty (defects in materials and workmanship only).

Dimensions inches (mm)



833398 MULTI COLORED SET; RED, YELLOW, GREEN, BLUE (4 PCS)

833398RD RED - 1 EACH

833398YL YELLOW - 1 EACH

833398BL BLUE - 1 EACH

833398GR GREEN - 1 EACH

833398BK BLACK - 1 EACH

Fluids

- Synthetic and mineral based lubricants
- Gear Oil
- Hydraulic oil and fluids
- ATF
- Anti-freeze (glycol) and anti-freeze water solution

Markets Served

- Car and truck dealers
- Fast lube and maintenance shops
- Fleets
- Mining and construction
- Lube trucks
- Railroad and mass transit

Overview

- Fully ported, ball bearing, inlet swivel included.
- Easy access fluid inlet screen included at swivel.
- Included swivel hose-end cover, protects vehicle or machine surfaces from scratches.
- Easy access for service of the rotary piston mechanism.
- Trigger lock button prevents accidental control valve opening and allows the control valve to be locked in open position for large volumes dispense.
- Cam & piston valve design optimized for superb control and minimal flow resistance.
- Ergonomically designed grip handle for optimum comfort.

MODELS AVAILABLE	EXTENSION TYPE & NOZZLE	EXTENSION CODE
Verify ID of ATF fill port for compatibility.		
❑ **3320-026**	Flex Auto	3332-095
❑ **3320-022**	Rigid 1/4 turn - OIL	3332-091
❑ **3320-023**	Flex 90 1/4 turn - OIL	3332-092
❑ **3320-024**	Flex Memory 1/4 turn - OIL	3332-093
❑ **3320-032**	Flex Memory 1/4 turn - ATF	3332-104
❑ **3320-056**	Bare	-

TECHNICAL DATA	
Flow Rate	0.26-10.5 gal/min (1-40 l/min)
Maximum pressure	1,450 psi (100 bar)
Swivel Inlet	1/2" NPT(F) Swivel
Dispense Nozzle OD	Auto = 0.605" Manual 1/4 turn for OIL = 0.705" Manual 1/4 turn for ATF= 0.315" Verify ID of ATF fill port for compatibility
Operating Temperature	14 °F to 140 °F (-10 °C to 60 °C)
Weight	3.30 lb (1.5 kg)
Compatible Fluids	Oil, transmission fluid, hydraulic fluid, and anti-freeze
Wetted Materials	Aluminum, stainless steel, zinc alloy, Buna-N™, zinc plated steel and brass
Service Bulletin	SB 3095

Non-Metered Control Handles Description

1.1. Non-metered control handle will have an precision machined Aluminum die cast body with mold in-place ergonomic soft grip for comfort and balance.
1.2. Non-metered control handle will 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.
1.3. Non-metered 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.)
1.4. Non-metered control handle will have die cast flange coupling eliminating the use of a threaded connection. Flange coupling provides superior integration for meter and handle.
1.5. Non-metered 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.
1.6. Non-metered 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.
1.7. Non-metered 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.

Non-Metered Control Handles Specifications:

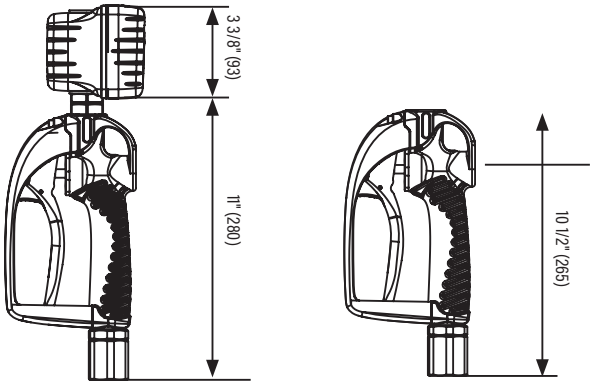
2.1. All Non-metered control handle will have a flow rate of 0.26-10.5 gal/m (1-40 l/m)
2.2. All Non-metered control handle will have a maximum working pressure of 1,450 psi (100 bar)
2.3. All Non-metered control handle will have a sealed ball bearing swivel with 1/2" NPT (F) threads and a integrated inlet strainer made of 40 mesh material.
2.4. All Non-metered control handle will have an operating temperature of 14°F to 140°F (-10°C - 60°C)
2.5. All Non-metered control handle will weight 3.30 lb (1.5 kg)
2.6. All Non-metered control handle will come standard with one rubberized swivel cover and one fluid identification shroud-black; additional shroud colors sold separately: red, blue, yellow, and green.

Materials

3.1. The wetted materials will consist of Aluminium, Zinc Alloy, Buna-N™, Zinc Plated Steel, Stainless Steel, and Brass.

Warranty

4.1. Non-metered control handle 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).



Dimensions inches (mm)

Overview

- HighFlo Control Handle is designed for service where higher volume deliveries are required.
- High volume rigid or flexible outlets with non-drip tip.
- 3/4" or 1" NPT inlet connection thread
- Ideal for bulk fill, transfer and high flow dispense.
- Heavy duty rugged design.

MODELS AVAILABLE	DESCRIPTION
❑ **3330-197**	Rigid - Metered, 3/4" NPT(F) Inlet
❑ **3330-198**	Flex - Metered, 3/4" NPT(F) Inlet
❑ **3330-199**	Rigid - Metered, 1" NPT(F) Inlet
❑ **3330-200**	Flex - Metered, 1" NPT(F) Inlet
❑ **3320-051**	Rigid - Non-Metered, 3/4" NPT(F) Inlet
❑ **3320-052**	Flex - Non-Metered, 3/4" NPT(F) Inlet
❑ **3320-053**	Rigid - Non-Metered, 1" NPT(F) Inlet
❑ **3320-054**	Flex - Non-Metered, 1" NPT(F) Inlet

TECHNICAL DATA		
	NON-METERED	METERED
Units of measure	-	Batch: Liters, quarts, pints, gallons
Accuracy	-	+/-0.5% of reading
Flow Range	0.26-24 gal/min (1-90 l/min)	0.52-19 gal/min (2-70 l/min)
Maximum pressure	1,450 psi (100 bar)	
Swivel inlet:	3/4" or 1" NPT(F)	
Operating Temperature	14 to 140 ºF (-10 to 60 ºC)	
Weight	4.5 lb (2.05 kg)	6.3 lb (2.85 kg)
Compatible Fluids	Oil, transmission fluid, hydraulic fluid, and anti-freeze	
Wetted Materials	Aluminum, Buna-N™, zinc plated steel and brass	Acetal, aluminum, stainless steel, Buna-N™, zinc plated steel and brass
Service Bulletin	SB 3097	SB 3097 + SB 3098

Fluids

- Synthetic and mineral based lubricants
- Gear Oil
- Hydraulic oil and fluids
- ATF
- Anti-freeze (Glycol)

Markets Served

- Truck dealers
- Fleets
- Mining and construction
- Lube trucks
- Railroad and mass transit

HighFlo Control Handles Description

1.1. HighFlo Control Handle is designed for service where higher volume deliveries are required.
1.2. High volume rigid or flexible outlets with non-drip tip.
1.3. 3/4" or 1" NPT inlet connection thread
1.4. Ideal for bulk fill, transfer and high flow dispense.
1.5. Heavy duty rugged design.

HighFlo Control Handles Specifications:

2.1. All High flow metered control handles will measure in liters, quarts, pints and gallons
2.2. All High flow metered control handles will have a measurement accuracy of +/- 0.5%
2.3. All High flow non-metered control handles will have a flow rate of 0.52-19 gal/min (2-70 l/min)
2.4. All High flow metered control handles will have a flow rate of 0.26-24 gal/min (1-90 l/min)
2.5. All High flow control handles have a maximum working pressure of 1,450 psi (100 bar)
2.6. All High flow control handles have a swivel inlets of 3/4" NPT(F) & 1" NPT(F)
2.7. All High flow control handles will have an operating temperature of 14 ºF to 140 ºF (-10 ºC to 60 ºC) and be suitable for extreme temperature conditions
2.8. All High flow non-metered control handles will weigh 4.5 lb (2.05 kg)
2.9. All High flow metered control handles will weigh 6.3 lb (2.85 kg)

Materials

The wetted materials will consist of
3.1. Metered Acetal, Aluminum, stainless Steel, Buna-N™, Zinc plated Steel and Brass
3.2. Non-Metered Aluminum, Buna-N™, Zinc plated Steel and Brass

Warranty

4.1. All Highflo control handles 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).

Control Handles - Water based Fluids

Overview

- Reinforced polyamide body and stainless Steel valve mechanism.
- Ergonomic-grip.
- Includes Brass inlet swivel 1/2" NPT(F), flex-90 extension and a 1/4 turn manual tip.

MODELS AVAILABLE	EXTENSION TYPE & NOZZLE	EXTENSION CODE
❑ **3320-055**	Flex 90 1/4 turn - oil	3332-102
❑ **3330-201**	Metered - Flex 90 1/4 turn - oil	3332-102

TECHNICAL DATA		
	NON METERED	METERED
Units of measure	-	Batch: Quarts, Pints, Gallons and Liters (in 0.01 increments)
Accuracy	-	+/- 0.5% of reading (lubricating oils)
Flow Rate	8 gal/min (30 l/min)	
Maximum pressure	725 psi (50 bar)	
Swivel Inlet	1/2" NPT(F)	
Dispense Nozzle OD	Manual 1/4 turn for OIL = 0.705"	
Operating Temperature	122 ºF (50 ºC)	
Weight	1 lb (0.4 kg)	2.2 lb (1 kg)
Compatible Fluids	Anti-freeze, windshield wash solution, and water	
Wetted Materials	Fiberglass reinforced thermoplastic, polyurethane rubber, and brass	Fiberglass reinforced thermoplastic, polyurethane rubber, Viton®, brass, and stainless steel
Service Bulletin	SB 3105	

Fluids

- Anti-freeze (Glycol)
- Windshield wash solution
- Water

Markets Served

- Car and truck dealers
- Fast lube and maintenance shops
- Fleets

Water based Control Handles Description

1.1. Reinforced polyamide body and stainless Steel valve mechanism.
1.2. Ergonomic-grip.
1.3. Includes Brass inlet swivel 1/2" NPT(F), flex-90 extension and a 1/4 turn manual tip.

Water based Control Handles Specifications:

2.1. All Water based fluid metered control handles will measure in liters, quarts, pints and gallons
2.2. All Water based fluid metered control handles will have a measurement accuracy of +/- 0.5%
2.3. All Water based fluid control handles will have a flow rate of 8 gal/min (30 l/min)
2.5. All Water based fluid control handles have a maximum working pressure of 725 psi (50 bar)
2.6. All Water based fluid control handles have a swivel inlets of 1/2" NPT(F)
2.7. All Water based fluid control handles will have an operating temperature of 122 ºF (50 ºC) and be suitable for extreme temperature conditions
2.8. All Water based fluid non-metered control handles will weigh 1 lb (0.4 kg)
2.9. All Water based fluid metered control handles will weigh 2.2 lb (1 kg)

Materials

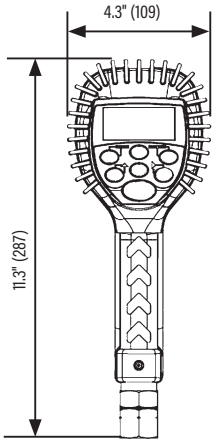
The wetted materials will consist of

3.1. Metered Fiberglass reinforced thermoplastic, Polyurethane rubber, Viton®, Brass, and stainless Steel
3.2. Non-Metered Fiberglass reinforced thermoplastic, Polyurethane rubber, and Brass

Warranty

4.1. All Water based control handles 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).

Control Handles - EP Meter (Electronic Preset Meter)



Overview

- Reinforced polyamide body and stainless Steel valve mechanism.
- Ergonomic-grip.
- Includes Brass inlet swivel 1/2" NPT(F), flex-90 extension and a 1/4 turn manual tip.

MODELS AVAILABLE	DESCRIPTION
❑ **3331-028**	Bare
❑ **3331-029**	Rigid Hi-Flow
❑ **3331-030**	Flex Hi-Flow

TECHNICAL DATA	
Units of measure	Quarts, pints, gallons, liters
Accuracy	+/- 0.5 %
Flow Rate	0.25-10 gal/m (1-38 l/m)
Maximum pressure	1,000 psi (70 bar)
Swivel Inlet	1/2" NPT(F)
Battery	4 x alkaline "AA"
Weight	5.5 lb (2.5 kg)
Compatible Fluids	Oil, transmission fluid, hydraulic fluid, and anti-freeze
Wetted Materials	Acetal, stainless steel, Buna-N™, brass, polyurethane
Service Bulletin	SB 3109

Fluids

- Anti-freeze (Glycol)
- Windshield wash solution
- Water

Markets Served

- Car and truck dealers
- Fast lube and maintenance shops
- Fleets

EP Meter Control Handles Description

1.1. Reinforced polyamide body and stainless Steel valve mechanism
1.2. Ergonomic-grip
1.3. Includes Brass inlet swivel 1/2" NPT(F), flex-90 extension and a 1/4 turn manual tip

EP Meter Control Handles Specifications:

2.1. All EP Meter control handles will measure in liters, quarts, pints and gallons
2.2. All EP Meter control handles will have a measurement accuracy of +/- 0.5%
2.1. All EP Meter control handles will have a maximum pressure of 1,000 psi (70 bar)
2.2. All EP Meter control handles will have a swivel inlets of 1/2" NPT(F)
2.3. All EP Meter control handles will have a flow rate of 0.25-10 gal/min (1-38 l/min)
2.8. All EP Meter control handles will have a power source is four alkaline 1.5v "AA" battery size
2.9. All EP Meter control handles will weigh 5.5 lb (2.5 kg)

Materials

3.1. The wetted materials will consist of Acetal, stainless Steel, Buna-N™, Brass, Polyurethane

Warranty

4.1. All EP Meter control handles 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).