

Balcrank

CONTROL HANDLES

Fluid Dispensing Systems

CONTROL HANDLES



FEATURES

- One piece cast aluminum housing
- Shock resistant 5-digit resettable batch totalizer
- Non-resettable accumulative totalizer and a hidden resettable totalizer -used to track daily, weekly or monthly usage
- Sleep mode (2 minutes idle limit) to preserve battery life
- EEPROM retention allows all information to be retained if batteries are removed
- Oval gear mechanism for optimum accuracy
- Two outlet nozzle positions (in-line or pistol style), fits rigid, flex or flex 90 extension with automatic nozzle

SPECIFICATIONS

Units of Measure:

quart, gallon, pint or liter

Compatible Fluids:

engine oil, diesel oil, automatic transmission fluid and anti-freeze with a maximum viscosity of SAE 140

Wetted Components:

aluminum, acetal, steel, nitrile rubber

Accuracy:

+/- 0.5% of reading (lubricating oils)

Flow Range:

1-30 L/min (0.26-8 US gal/min)

Max pressure:

1000 PSI, 103.5 bar

Weight:

1.16kg, 2.55 lbs

Swivel inlet:

½" NPT

Operating temp:

32 °F (0° C) to 122 °F (50 °C)

Battery:

2 x 1.5 volt alkaline AA



3330-054

Reference SB3026

MODELS AVAILABLE

Model	Type	Extension	Nozzle
3330-054	Rigid	3332-040	Automatic
3330-055	Flex	3332-041	Automatic
3330-057	Flex 90	3332-043	Automatic
3330-059	Straight*	3332-044	Automatic
3330-058	Bare		

*Pistol Grip

** Manual nozzle assembly not recommended for this meter assembly

831992 - COLORED SHROUDS

Customize your fluids with colored shrouds. Shrouds also guard against shock damage of meter body and dial face. Standard colors are red, blue, green, and yellow.



FEATURES

- One piece cast aluminum housing
- Shock resistant 5-digit resettable batch totalizer
- Non-resettable accumulative totalizer and a hidden resettable totalizer -used to track daily, weekly or monthly usage
- 5 variable preset totals available and simple hand latch design
- Sleep mode (2 minutes idle limit) to preserve battery life
- EEPROM retention allows all information to be retained if batteries are removed
- Oval gear mechanism for optimum accuracy
- Two outlet nozzle positions (in-line or pistol style), fits rigid, or flex extension with semi-automatic nozzle



3331-014

Reference SB3021

SPECIFICATIONS

Units of Measure:

quart, gallon, pint or liter

Compatible Fluids:

engine oil, diesel oil, automatic transmission fluid and anti freeze with a maximum viscosity of SAE 140

Wetted Components:

aluminum, acetal, steel, nitrile rubber

Accuracy:

+/- 0.5% of reading (lubricating oils)

Flow Range:

1-30 L/min (0.26-8 US gal/min)

Max pressure:

1000 psi, 103.5 bar

Weight:

1.16kg, 2.55 lbs

Swivel inlet:

½" NPT

Operating temp:

32° F (0 °C) to 122 °F (50 °C)

Battery:

2 x 1.5 volt alkaline AA

MODELS AVAILABLE

Model	Type	Extension	Nozzle
3331-014	Straight	3332-045	Semi-Auto
3331-020	Flex	3332-046	Semi-Auto
3331-012	Bare		

** Manual nozzle assembly not recommended for this meter assembly

831992 - COLORED SHROUDS

Customize your fluids with colored shrouds. Shrouds also guard against shock damage of meter body and dial face. Standard colors are red, blue, green, and yellow.



FEATURES

- One piece cast aluminum housing
- Shock resistant 4-digit resettable batch totalizer
- 6-digit non-resettable accumulative totalizer
- One touch batch reset operation
- Oval gear mechanism for optimum accuracy
- Two outlet nozzle positions (in-line or pistol style), fits rigid, flex or flex 90 extension with automatic nozzle



3330-037

Reference SB3022

SPECIFICATIONS

Units of Measure:

Quart or liter

Compatible Fluids:

engine oil, diesel oil, automatic transmission fluid and anti-freeze with a maximum viscosity of SAE 140

Wetted Components:

Aluminum, acetal, steel, nitrile rubber

Accuracy:

+/- 1% of reading (lubricating oils)

Flow Range:

1-30 L/min (0.26-8 US gal/min)

Max pressure:

1000 PSI, 103.5 bar

Weight:

1.16kg, 2.55 lbs

Swivel inlet:

½" NPT

Operating Temperature:

23 °F (-5 °C) - 122 °F (50 °C)

831969 - COLORED SHROUDS

Customize your fluids with colored shrouds. Shrouds also guard against shock damage of meter body and dial face. Standard colors are red, blue, green, and yellow.



MODELS AVAILABLE

Model	Type	Unit of		
		Measure	Extension	Nozzle
3330-037	Rigid	Qt	3332-040	Automatic
3330-038	Flex	Qt	3332-041	Automatic
3330-039	Flex 90	Qt	3332-043	Automatic
3330-040	Rigid	Lt	3332-040	Automatic
3330-041	Flex	Lt	3332-041	Automatic
3330-042	Flex 90	Lt	3332-043	Automatic
3330-060	Straight*	Qt	3332-044	Automatic
3330-061	Straight*	Lt	3332-044	Automatic
3330-049	Bare	Qt		
3330-050	Bare	Lt		

*Pistol Grip

** Manual nozzle assembly not recommended for this meter assembly

FEATURES

- One piece cast aluminum housing
- High impact resistant nylon shroud protects knob and dial from damage
- Pointer knob is reset to zero after each delivery of fluid
- Models available with rigid, flex or flex 90 extension with automatic nozzle

SPECIFICATIONS

Units of Measure:

gallon, quart, pint or liter

Compatible Fluids:

engine oil, diesel oil, automatic transmission fluid and anti-freeze with a maximum viscosity of SAE 140

Wetted Components:

aluminum, steel, Buna-N rubber

Accuracy:

+/- 0.65% of reading (lubricating oils)

Flow Range:

1.5-15 L/min (0.4-4 US gal/min)

Max Pressure:

1000 psi, 70 bar

Weight:

1.5kg, 3.3 lbs

Swivel Inlet:

½" NPT

Operating Temperature:

Max 110° F (45° C)



3330-008

CONTROL HANDLES

Reference SB3025

*Models 3330-010 compatible with antifreeze.

MODELS AVAILABLE

Model	Type	Unit of Measure	Extension	Nozzle
3330-140	Flex 90	Pt	3332-019	Auto-Lock
3330-008	Straight	Qt	3332-024	Auto-Lock
3330-009	Flex	Qt	3332-067	Auto-Lock
3330-010*	Straight	Qt	3332-024	Auto-Lock
3330-141	Flex 90	Lt	3332-019	Auto-Lock
3330-017	Straight	Lt	3332-024	Auto-Lock
3330-019	Flex	Lt	3332-067	Auto-Lock
3330-051	Bare	Qt		
3330-052	Bare	Lt		

3332-005 - METER BODY SHROUD

Protective elastomer sleeve fits all Classic Pistol Grip Mechanical and Mechanical Preset Series metered control handles. Guards against shock damage of meter body and dial face.



CLASSIC SERIES | MECHANICAL PRE-SETTABLE DISPLAY

CONTROL HANDLES

FEATURES

- One piece cast aluminum housing
- High impact resistant nylon shroud protects knob and dial from damage
- Pre-settable knob rotates counter-clockwise to set desired amount of fluid
- Pointer knob rotates towards zero, releasing trigger which automatically stop flow
- Models available with rigid, flex or flex 90 extension with semi-automatic nozzle



3331-001

SPECIFICATIONS

Units of Measure:

gallon, quart, pint or liter

Compatible Fluids:

engine oil, diesel oil, automatic transmission fluid and anti-freeze with a maximum viscosity of SAE 140

Wetted Components:

aluminum, steel, Buna-N rubber

Accuracy:

+/- 3% of reading (lubricating oils)

Flow Range: 1

.5-15 L/min (0.4-4 US gal/min)

Max pressure:

1000 psi, 70 bar

Weight:

1.5kg, 3.3 lbs

Swivel inlet:

1/2" NPT

Operating Temperature:

Max 110 ° F (45° C)

Reference SB3035

*Model 3331-006 compatible with antifreeze.

MODELS AVAILABLE

Model	Type	Unit of Measure	Extension	Nozzle
3331-001	Straight	60 qts	3332-030	Semi-Auto
3331-003	Straight	60 gal.	3332-030	Semi-Auto
3331-004	Straight	16 qts.	3332-030	Semi-Auto
3331-006*	Straight	60 qts.	3332-030	Semi-Auto
3331-015	Straight	16 lt.	3332-030	Smei-Auto

3332-005 - METER BODY SHROUD

Protective elastomer sleeve fits all Classic Pistol Grip Mechanical and Mechanical Preset Series metered control handles. Guards against shock damage of meter body and dial face.



FEATURES

- Robust grip with built in trigger guard
- Resettable batch display, resettable totalizer in gallon or liters and non resettable totalizer in gallons
- Meter can be field calibrated if needed
- Totalizer and calibration data retained when batteries are removed
- Color product identification caps included: red, green, blue and yellow.
- Oval gear mechanism for optimum accuracy
- Models available with rigid, flex, or flex 90 lance assemblies with automatic nozzle

SPECIFICATIONS

Units of Measure:

(Batch) quart, gallon, pint or liter (totalizer) gallon or liter

Compatible Fluids: Engine oil, diesel oil, and automatic transmission fluid with a maximum viscosity of SAE 140

Wetted Components:

aluminum, acetal, steel & Buna-N rubber

Measuring Accuracy: +/- .5% of reading (lubricating oils)

Flow Rates: .25-7 gal/min (1-25L/min)

Pressure: 1000 PSI (70 bar)

Weight: 1.55 lbs (0.70 kg)

Threads: ½ NPT compatible inlet and outlet threads

Operating temperature: 32 degrees to 140 degrees F (60 C)

Battery: 2 x 1.5 volt alkaline AAA



3330-143



Set of Colored Identification Caps included with each model

Reference SB3070

MODELS AVAILABLE

Model	Type	Extension	Nozzle
3330-142	Rigid	832190	Manual
3330-143	Flex	832199	Manual
3330-144	Flex 90	831789	Manual

FEATURES

- Robust grip with built in trigger guard.
- Easy to read and resettable 4-digit analog batch display
- Non resettable 5-digit analog totalizer display
- Colored product identification caps included: red, green, blue and yellow.
- Oval gear mechanism for optimum accuracy
- Models available with rigid, flex for flex 90 lance assemblies with automatic nozzle



3330-146



Set of Colored Identification Caps included with each model

Reference SB3069

SPECIFICATIONS

Units of Measure:

(Batch) quart, (totalizer) gallon

Compatible Fluids: Engine oil, diesel oil, and automatic transmission fluid with a maximum viscosity of SAE 140

Wetted Components:

aluminum, acetal, steel & Buna-N rubber

Measuring Accuracy: +/- .1% of reading (lubricating oils)

Flow Rates: .25-7 gal/min (1-25L/min)

Pressure: 1000 PSI (70 bar)

Weight: 1.75 lbs (0.79 kg)

Threads: ½ NPT compatible inlet and outlet threads

MODELS AVAILABLE

Model	Type	Extension	Nozzle
3330-145	Rigid	832190	Manual
3330-146	Flex	832199	Manual
3330-147	Flex 90	831789	Manual

FEATURES

- Balanced ergonomic design
- Four extra valve covers for fluid identification: red, blue, yellow, green (standard - black)
- Locking models available recommended for use with fluid inventory control systems only
- Inlet screen included
- Choice of extensions
- Available with manual, semi-automatic or automatic nozzle
- Compatible with motor oils, gear oils, synthetics, ATF, antifreeze, and windshield washer fluid
- Swivel Inlet - 1/2" NPT
- Flow rate:
Standard - 8 GPM
High Flow - 12 GPM



Set of Colored Identification Caps included with each model



Reference SB3008

MODELS AVAILABLE

Model	Type	Extension	Nozzle
3320-001	Rigid	3332-087	Auto-Lock
3320-003	Flex	3332-088	Auto-Lock
3320-005	Flex 90	3332-089	Auto-Lock
3320-006	Rigid - locking	3332-087	Auto-Lock
3320-007	Flex - locking	3332-088	Auto-Lock
3320-015	Rigid	832190	Manual
3320-016	Flex 90	831789	Manual
3320-021	Flex	832199	Manual

High Flow



Reference SB3008

MODELS AVAILABLE

Model	Type	Extension	Nozzle
3320-017	Rigid High Flow	3332-063	Semi-auto
3320-018	Flex High Flow	3332-046	Semi-auto
3320-019	Rigid HF- lock	3332-063	Semi-auto
3320-020	Flex - HF lock	3332-046	Semi-auto

CONTROL HANDLES | ACCESSORIES

NOZZLES

3332-085 Auto Lock Nozzle



- Port size – 3/8" NPT(F)
- Maximum flow through the tip - 5.0 GPM
- Metallic Components – Zinc Plated Steel
- Seals – Buna-N
- Compatible Fluids – Motor oils, synthetic oils, gear oil, ATF, hydraulic oil, washer fluid

3332-086 Automatic Nozzle



- Port size – 3/8" NPT(F)
- Maximum flow through the tip – 5.0 GPM
- Metallic Components – Zinc Plated Steel
- Seals – Buna-N
- Compatible Fluids – Motor oils, synthetic oils, gear oil, ATF, hydraulic oil, washer fluid

3332-039 High Flow Semi Automatic Nozzle



- Port size - 3/8" NPT(F)
- Maximum flow through the tip -15.5 GPM
- Metallic Components - Zinc Plated Steel
- Compatible Fluids – Motor oils, synthetic oils, gear oil, ATF, hydraulic oil, washer fluid

FEATURES

- Designed for in-line mounting with 1/2" Npt threads
- Models for all automotive service fluids: motor oil, gear oil, ATF, engine coolant
- Mechanical or digital models available
- Choice of units of measure



3120-001

METERS

Model	Fluid Type	Unit of Measure
3120-001	Oil, ATF	Liter, dial
3120-002	Gear Oil	Pint, dial
3120-004	Oil, ATF	Gallon, no dial
3120-066	Oil, ATF	Qt, Mechanical
3120-067	Oil, ATF	Gal, Qt, Pt, Lt



3120-066



3120-067

Reference SB3070 or SB3069

EXTENSIONS & NOZZLES

Model	Inlet	Thread (M)	Type	Nozzle
3332-014	3/8"	NPT	Rigid	Automatic
3332-015	3/8"	NPT	Flex	Automatic
3332-027	3/8"	NPT	Straight	Automatic
3332-066	1/2"	NPT	Rigid	Auto-Lock

FEATURES

- Precision-machined, all steel handle and forged body provides reliable service
- Precise, proportional trigger action
- Balanced and knurled grip for less fatigue
- Inlet screen included
- 7500 psi on standard handle and Booster model develops up to 10,000 psi
- Inlet size 1/4" npt
- Easily repaired for extended life



3310-009



3310-010



3310-025

MODELS AVAILABLE - with BOOSTER

- 3310-007** Pro Series Booster Grease Handle
- 3310-009** Pro Series Booster Grease Handle with Z-swivel

MODELS AVAILABLE

- 3310-008** Pro Series Grease Handle
- 3310-010** Pro Series Grease Handle with Z-swivel
- 3310-020** Pro Series Grease Handle with 36" Whip Hose and Z-swivel
- 3310-025** Pro Series Grease Handle with 18" Whip Hose and Z-swivel

GREASE HANDLES | HEAVY DUTY

FEATURES

- 5,000 PSI working pressure
- Rigid outlet or flex hose models available
- 1/4" NPT(F) grease inlet
- Includes z-swivel

Reference SB3044



3310-026



3310-027

MODELS AVAILABLE

- | | |
|-----------------|---|
| 3310-026 | Non-boosting Grease Handle |
| 3310-027 | Non-boosting Grease Handle with 18" Whip Hose |
| 3310-028 | Non-boosting Grease Handle with 36" Whip Hose |

Z-SWIVELS

FEATURES

- Swivel action for better control
- Installed between grease handle and fluid hose for freedom of motion
- Low friction ball bearing swivels
- All steel construction
- High pressure packings
- 6,000 PSI working pressure



MODELS AVAILABLE

5310-018 - 1/4" NPT(F) x 1/4" NPT(M)

FLEXIBLE EXTENSION

8390-002 - 18" Flexible Extension

8390-003 - 36" Flexible Extension

Flexible whip hose extensions with crimped 1/8" NPT(M) fittings on each end. For grease applications up to 5,000 PSI. Includes adapter to attach to grease control handle.



CONTROL HANDLES

5310-020 - GREASE COUPLER



Standard supergrip coupler. 10,000 PSI working pressure. 1/8-27 NPT threads.

OIL BARS

4200-014 OIL BAR

Features:

- Up to four dispense points,
- Heavy duty, Metal body
- Drain with steel screen and ½" NPT hose connection,

Dimensions:

13.25" deep x 28" wide x 35" high

Oil bar ships with one spigot. For two-, three-, and four-spigot oil bars, order additional 4200-012 spigots.

Service bulletin SB4038



DISPENSER SPIGOTS

Features:

- smooth trigger action,
- anti-splash flow diffuser
- shutoff valve.

Service bulletin SB4037.

MODELS AVAILABLE

- 4200-011** Spigot Only
- 4200-012** Straight Stem for Oil Bars ½" NPT (F)
- 4200-013** Gooseneck ¾" NPT(M)



4200-012



4200-013