



Introducing the Doctor! The new DR (Digital Registry) meter from Balcrank. "The cure for the common meter"

The DR meter carries with it new innovative technology in a digital meter. Our new meter is precision balanced, lightweight and ergonomically designed. Simple, accurate and efficient, this meter combines new features with proven oval gear technology.

CONTROL
HANDLES



NEW memory-flex extension; bend the extension to the desired angle and it retains its shape.

- No field calibration required: Precision machined aluminum die-cast fluid chamber maintains the tight tolerances required for repeatable accuracy. Each meter is individually tested for performance and accuracy which guarantees precise dispensing regardless of fluid viscosity, system pressure or changes in outside temperature.
- Meter housing: unique totally encased polycarbonate housing with TP Elastomer over mold provides superb impact resistance while isolating the electronic register module (ERC) from the environment which provides an airtight seal with the meter body.
- Sealed battery compartment: battery clips are mounted directly on the ERC, no cables for battery contact, which ensures protection against the environment, impact, or vibrations.
- Low power consumption: ERC with auto-sleep function for improved battery life.
- Trip mode function: resettable totalizer function can operate as an economical, simple fluid inventory control system.
- Non-resettable totalizer function: shows total fluid flow through the meter from day one and is unaffected by low or dead batteries.
- All new handle: aluminum body with lightweight ergonomic soft grip handle for comfort and precision balance.
- Unique ¼ turn manual tip: effective and very fast, high flow, no splash and very easy to use.
- Flange coupling at the control valve: eliminates the use of connection adaptors which can become loose, providing superior integration of the meter and handle.
- Swivel cover protects automobiles from nicks and scratches.
- Large ported swivel: for comfort even at high pressures, includes durable inlet filter which protects meter from debris.
- Trigger lock button: prevents accidental dispense and also allows the gun to be locked in the open position.
- Affordable repairability: ERC can be changed easily.





AVAILABLE MODELS

Model	Extension Type & Nozzle		
3330-162	Rigid	Auto	3332-098
3330-161	Flex	Auto	3332-095
3330-160	Flex 90	Auto	3332-094
3330-167	Flex-memory	Auto	3332-099
3330-157	Rigid	1/4 turn - OIL	3332-091
3330-168	Flex	1/4 turn - OIL	3332-100
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
3330-171	Flex	1/4 turn - ATF	3332-103
3330-170	Flex 90	1/4 turn - ATF	3332-102
3330-172	Flex-memory	1/4 turn - ATF	3332-104

See Dispense nozzle OD for important details

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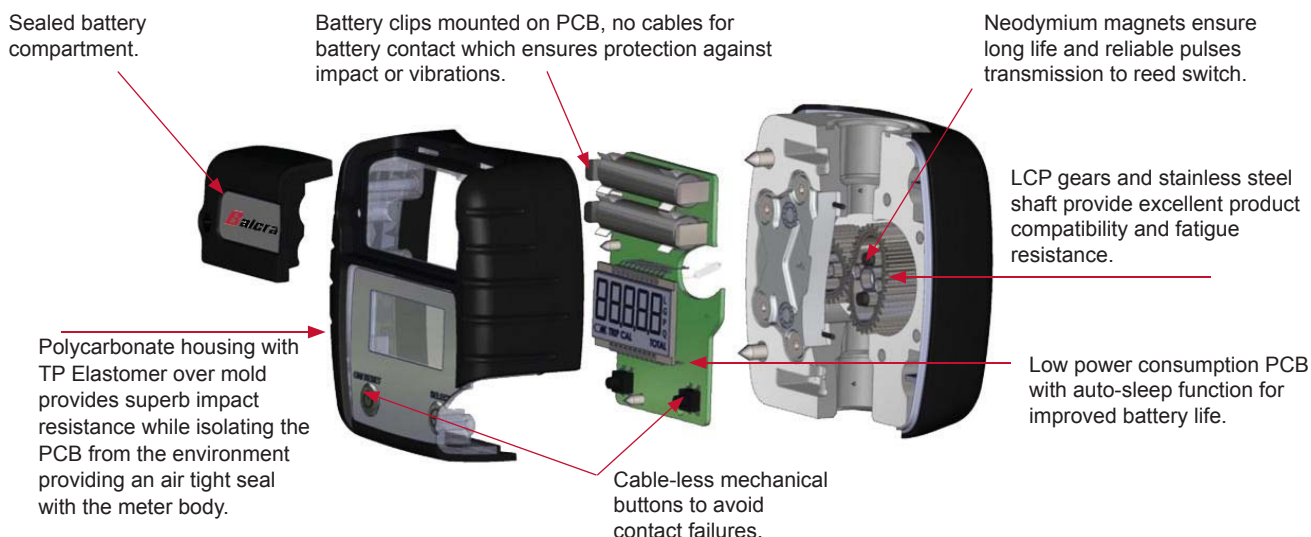
SPECIFICATIONS

Units of measure	Batch: Quarts, Pints, Gallons, and Liters (in 0.01 increments).
Accuracy	+/- 0.5% of reading (lubricating oils)
Flow Range	0.26-8 gal/m (1-30 l/m)
Max 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 temp	14°F -160°F (-10°C - 70°C)
Weight	3.2 lb (1.55 kg)
Battery	2 x 1.5v alkaline "AAA"
Compatible Fluids	Lubricants (up to SAE 140), ATF, Anti-freeze (Glycol), and Anti-freeze water solution
Wetted Materials	Liquid Crystal Polymer (LCP), Aluminium, Buna-N™, Zinc Plated Steel, Stainless Steel, Neodymium, and Brass

SERVICE BULLETIN & ACCESSORIES

Service Bulletin	SB3095
Accessories pg.	98

Control Handles | DR Meter & Nozzles



DR METER

| SPECIFICATIONS



Model	Inlet	Units of Measure	Compatible fluids
3120-091	1/2" NPT(F) Flange	Liters, Gallons, Quarts, and Pints	Oil, Glycol, and coolant solutions.

NOZZLES (for use with the DR handles)



Item	Inlet	Tip OD	Max. Flow	Nozzle
3332-097	1/4" BSPP*	0.605" <i>Verify ID of ATF fill port for compatibility.</i>	2.1 gal/m (8 l/m)	Auto
3332-096	1/4" BSPP*	0.705" <i>Verify ID of ATF fill port for compatibility.</i>	3.7 gal/m (14 l/m)	1/4 Turn Manual for OIL ports
3332-105	1/4" BSPP*	0.315" <i>Verify ID of ATF fill port for compatibility.</i>	3.7 gal/m (14 l/m)	1/4 Turn Manual for ATF ports

* for mounting to old style extensions use adapter 833197

Control Handles | DR Meter Extensions

DR EXTENSIONS & NOZZLES

Verify ID of ATF fill port for compatibility.

	Model	Inlet	Ext. Type	Nozzle
	3332-098	1/2" NPT(M)	Rigid 60	Auto Tip OD = 0.605"
	3332-095	1/2" NPT(M)	Flex	Auto Tip OD = 0.605"
	3332-094	1/2" NPT(M)	Flex 90	Auto Tip OD = 0.605"
	3332-099	1/2" NPT(M)	Flex with Metal Memory	Auto Tip OD = 0.605"
	3332-091	1/2" NPT(M)	Rigid 60	For OIL ports 1/4 Turn Manual Tip OD = 0.705"
	3332-100	1/2" NPT(M)	Flex	For OIL ports 1/4 Turn Manual Tip OD = 0.705"
	3332-092	1/2" NPT(M)	Flex 90	For OIL ports 1/4 Turn Manual Tip OD = 0.705"
	3332-093	1/2" NPT(M)	Flex with Metal Memory	For OIL ports 1/4 Turn Manual Tip OD = 0.705"
	3332-101	1/2" NPT(M)	Rigid 60	For ATF ports 1/4 Turn Manual Tip OD = 0.315"
	3332-103	1/2" NPT(M)	Flex	For ATF ports 1/4 Turn Manual Tip OD = 0.315"
	3332-102	1/2" NPT(M)	Flex 90	For ATF ports 1/4 Turn Manual Tip OD = 0.315"
	3332-104	1/2" NPT(M)	Flex with Metal Memory	For ATF ports 1/4 Turn Manual Tip OD = 0.315"

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