



Different By Design

Drum and Tank Gauges

Features

- Red line sight glass
- Acrylic covers for protection with screen printed markings
- Multiple material options to choose from
- Buna or Viton o-rings available
- Full line of gauges and materials kept in stock
- Volume scale in gallons and liters for visual reference
- Available in a wide range of materials for ultimate corrosion resistance
- Models available to accommodate diaphragm operated pumps
- Can handle pump rates up to 19.5 gallons per day and 74 liters per day
- Installs easily in 3/4" NPT outlet of drum head
- Adjustable steel gauge markers for easy calibration

Optional Vent Connection

The Drum Gauges are vented to atmosphere. These gauges can be supplied with a 1/4" FNPT connection to vent the gauge back into the tank. To specify gauges with this connection, add "V" to the product number, i.e. 100.01V.

100 Series Drum Gauge

Gauges

Part #	Description
100.01	3/4" Steel Nipple Drum Gauge Assembly
100.02	3/4" PVC Nipple Drum Gauge Assembly
100.03	3/4" Stainless Steel Nipple Drum Gauge Assembly

Parts List

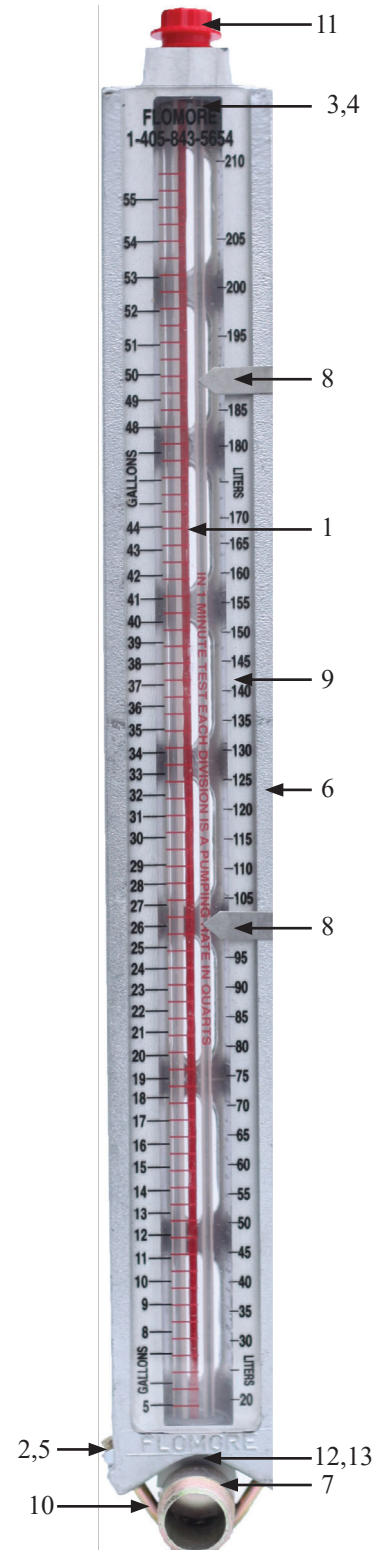
Item #	Part #	# Req.	Description	Material
1	1D20E	1	5/8" x 20" Red Line Glass Tube	Glass
2	A-0164	2	Nut	Steel
3	A-3100	1	Drum Gauge Spring	Steel
4	A-3101	1	Fiber Washer	Composite
5	A-3303	2	Split Lock Washer	Steel
6	C-596.01	1	Solid Side Frame	Aluminum
*7	D-0020	1	Drum Gauge Seat	Delrin
8	EZ.01	2	Pointer	Stainless Steel
9	K-596-SCALE	1	Scale	Acrylic
*10	K-598	1	100.01 Mounting Nipple	Steel
11	P-0048	1	1/2" Plastic Plug	Plastic
*12	A-0612	1	Buna N O-Ring	Buna
*13	D-0020.01	1	O-Ring for D-0020 Seat	Buna
14	A-0935	1	Hex Bushing	Stainless Steel
15	G-0001	1	Insert	Stainless Steel
16	D-0021	1	Vent Gasket	Viton

*See Alternate Material Chart **Not used for Vented Drum Gauges** Add for Vented Drum Gauges

*Mounts in the 3/4" outlet of a horizontal 55 gallon drum. The glass sight tube is protected by a cast aluminum frame which is calibrated in gallons and liters, indicating the liquid content of the drum.

Alternate Materials

Item #	Part #	# Req.	Description	Material
7	D-0020	1	Drum Gauge Seat	Delrin
	D-0025	1	Viton Seat Seal	Viton
10	K-598	1	Mounting Nipple	Steel
	K-598S	1	Mounting Nipple	Stainless Steel
	K-598PVC	1	Mounting Nipple	PVC
12	A-0612	1	Buna N O-Ring	Buna
	A-2184	1	Viton O-Ring	Viton
13	D-0020.01	1	O-Ring for D-0020 Seat	Buna
	D-0020.02	1	O-Ring for D-0020 Seat	Viton



200 Series Drum Gauge

Gauges

Part #	Description
200.01	3/4" Steel Nipple Drum Gauge Assembly
200.02	3/4" PVC Nipple Drum Gauge Assembly
200.03	3/4" Stainless Steel Nipple Drum Gauge Assembly

Parts List

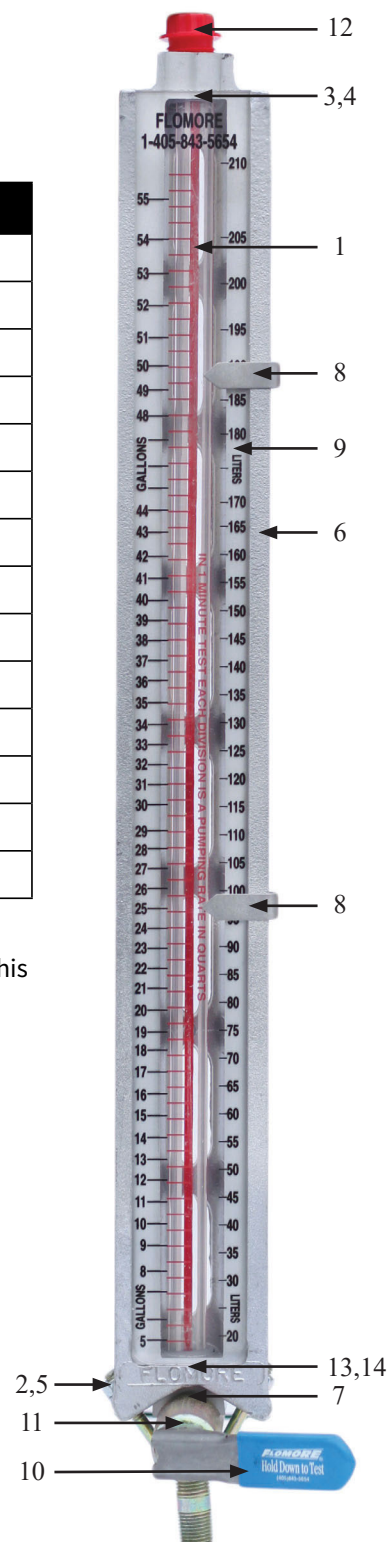
Item #	Part #	# Req.	Description	Material
1	1D20E	1	5/8" x 20" Red Line Glass Tube	Glass
2	A-0164	2	Nut	Steel
3	A-3100	1	Drum Gauge Spring	Steel
4	A-3101	1	Fiber Washer	Composite
5	A-3303	2	Split Lock Washer	Steel
6	C-596.01	1	Solid Side Frame	Aluminum
*7	D-0020	1	Drum Gauge Seat	Delrin
8	EZ.01	2	Pointer	Stainless Steel
9	K-596-SCALE	1	Scale	Acrylic
10	K-779HS	1	779 Gauge Handle Sleeve	Vinyl
*11	K-779AN	1	Assembled 200.01 Nipple	Steel
12	P-0048B	1	1/2" Plastic Plug	Plastic
*13	D-0020.01	1	O-Ring for D-0020 Seat	Buna
*14	A-0612	1	Buna N O-Ring	Buna

*See Alternate Material Chart

**Comes complete with a spring loaded test valve for checking injection rates of chemical pumps. This gauge also mounts in 3/4" tank outlet and indicates volume in gallons and liters. The connection for the chemical pump suction line is 1/4" MNPT and is located as shown in the photograph.

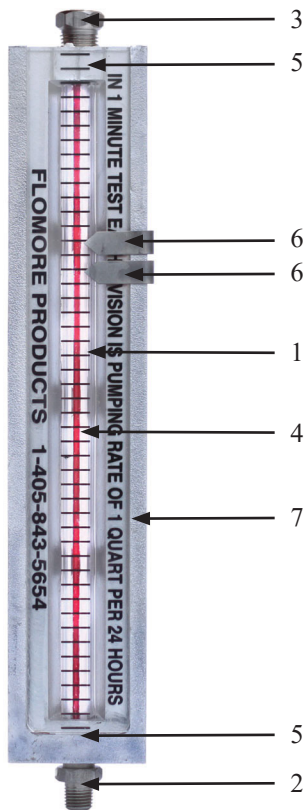
Alternate Materials

Item #	Part #	# Req.	Description	Material
7	D-0020	1	Drum Gauge Seat	Delrin
	D-0025	1	Viton Seat Seal	Viton
10	K-779AN	1	Mounting Nipple	Steel
	K-779ANS	1	Mounting Nipple	Stainless Steel
	K-779PVC	1	Mounting Nipple	PVC
12	A-0612	1	Buna N O-Ring	Buna
	A-2184	1	Viton O-Ring	Viton
13	D-0020.01	1	O-Ring for D-0020 Seat	Buna
	D-0020.02	1	O-Ring for D-0020 Seat	Viton



300 & 400 Series Drum Gauge

Gauge



Part #	Description
300.01	Pump Setting Gauge, Small, Viton, 1/4" Male/Female, QT

Parts List

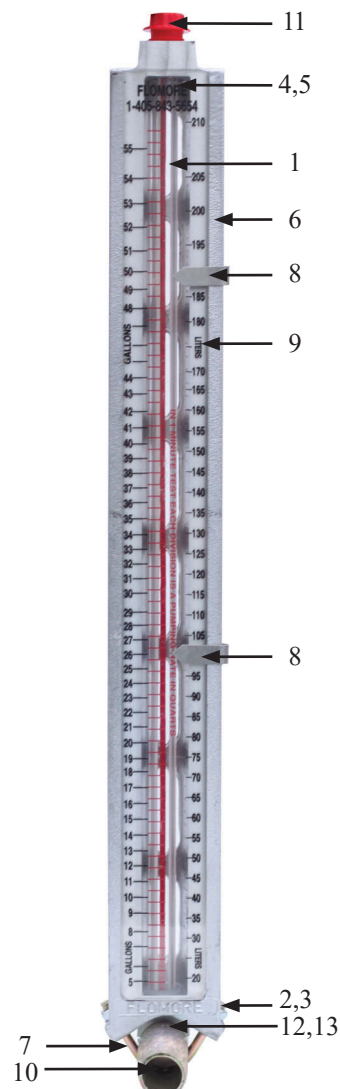
Item #	Part #	# Req.	Description	Material
1	A-0930	1	Scale	Acrylic
2	A-0931	1	1/4" Male Lower Packing Nut	Stainless Steel
3	A-0932	1	1/4" Female Upper Packing Nut	Stainless Steel
4	A-3102	1	Gauge Glass	Glass
5	D-0013	2	Viton Gasket	Viton
6	EZ.01	2	Pointer	Stainless Steel
7	F-929	1	Gauge Frame for 300.01	Aluminum

Gauges

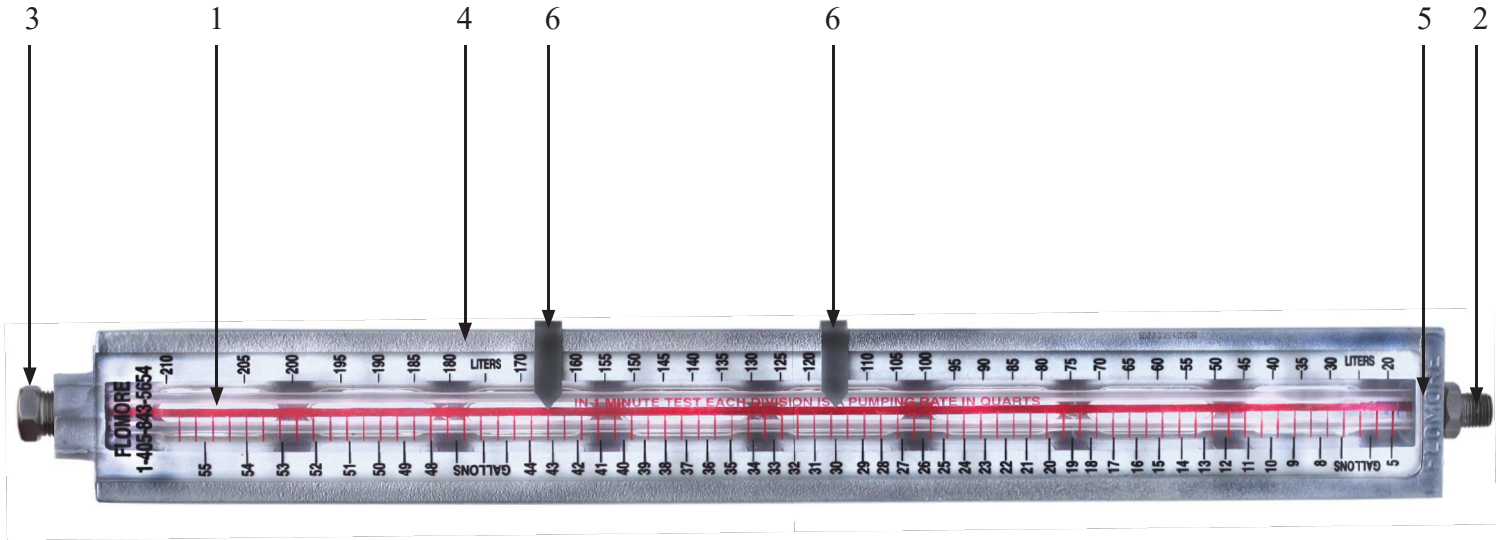
Part #	Description
400.01	3/4" Steel Nipple Drum Gauge Assembly
400.02	3/4" PVC Nipple Drum Gauge Assembly
400.03	3/4" Stainless Steel Nipple Drum Gauge Assembly

Parts List (400.01)

Item #	Part #	# Req.	Description	Material
1	1D20E	1	5/8" x 20" Red Line Glass Tube	Glass
2	A-0164	2	Nut	Steel
3	A-3303	2	Split Lock Washer	Steel
4	A-3100	1	Drum Gauge Spring	Steel
5	A-3101	1	Fiber Washer	Fiber
6	C-596.01	1	Solid Side Frame	Aluminum
7	D-0020	1	Drum Gauge Seat	Delrin
8	EZ.01	3	Pointer	Stainless Steel
9	K-596-SCALE	1	Scale	Acrylic
10	K-0405	1	Finished Nipple for 400.03	Steel
11	P-0048B	1	1/2" Plastic Plug	Plastic
12	D-0020.01	1	O-Ring for D-0020 Seat	Buna
13	A-0612	1	Buna N O-Ring	Buna
14	K-0403	1	3/4" Stainless Steel Cap	Stainless Steel



F-350 Drum Gauge



Parts List

Item #	Part #	# Req.	Description	Material
1	1D20E	1	5/8" x 20" Red Line Glass Tube	Glass
2	A-0931	1	1/4" Male Lower Packing Nut	Stainless Steel
3	A-0932	1	1/4" Female Upper Packing Nut	Stainless Steel
4	F-350.01	1	Gauge Frame	Aluminum
5	D-0013	2	Viton Gasket	Viton
6	EZ.01	2	Pointer	Stainless Steel
7	K-596-SCALE	1	Scale	Acrylic
8	A-4127.01	1	Yoke Packing Unit	Buna N

F-6000 Series Drum Gauge

Gauges

Part #	Description
F-6048	Pump Setting Gauge, Large, Aluminum Construction, 48" Long, 1/2" Male, QT/GAL
F-6048-S	Pump Setting Gauge, Large, Stainless Steel Construction, 48" Long, 1/2" Male, QT/GAL
F-6072-S	Pump Setting Gauge, Large, Stainless Steel Construction, 72" Long, 1/2" Male, QT/GAL

Features

- Frame material available in aluminum or 303 stainless steel
- Lexan scale is replaceable
- 1/2" Male NPT inlet and outlet. (303 stainless fittings)

Parts List (F-6048)

Item #	Part #	# Req.	Description	Material
1	F-0010	2	303 SS Bushing	303 Stainless Steel
2	A-0612	2	Buna N O-Ring	Buna
3	D-0013	2	Viton Gasket	Viton
4	1D48E	1	5/8" x 48" Red Line Glass Tube	Glass
5	F-0006	1	Protective Shield for 48" Gauge	Plastic
6	F-0009	1	48" Aluminum Frame & Welded Blocks	Aluminum
7	A-4127.01	1	Yolk Packing Set	Buna



Model 2000 Tank Gauge

Features

- All metal parts are 303 or 304 stainless steel.
- Simple push-pull valve operation for test (push) run (pull).
- The movable level indicator is made from stainless steel and will not be affected by sunlight or ozone or break like an o-ring.

Maintenance

A gauge you can actually clean the tube without complete disassembly of the unit.

1. Empty the tank.
2. Remove the 1/4" NPT plug on the bottom of the valve assembly.
3. Remove the top vent plug.
4. Loosen the valve stop nut. Turn the valve stop either right or left.
5. Pull the valve stem completely out of the body.
6. Run a 5/8" tube brush through the tube and out the bottom of the assembly. Hold down the tube to keep it from moving.
7. Inspect o-rings on the valve stem. Replace if needed and reinstall.

Parts List

Part #	# Req.	Description	Material
15470	2	5/8" Square Cut Washer	Buna N
A-0138	2	Pipe Plug	Steel
A-0306	1	Sight Feed Gauge Gasket	Teflon
A-3102	1	Gauge Glass	Glass
A-3118	1	Connector	PVC
A-4092	1	Stat-O-Seal	Steel
D-0013	2	Viton Gasket	Viton
EZ	2	Pointer	Stainless Steel
F-0871.01	1	Stainless Steel Hex Nut	Stainless Steel
F-0871.03	2	O-Ring	Viton
F-0871.04	1	O-Ring	Viton
F-0871.06	1	O-Ring	Viton
F-0871.07	1	Valve Body	Stainless Steel
F-0871.08	1	Valve Stem	Stainless Steel
F-0871.09	1	Roll Pin	Stainless Steel
F-0871.10	1	Hex Nut	Stainless Steel
F-0871.11	1	Valve Stop	Stainless Steel
F-0871.15	1	Pump Setting Gauge Scale	Acrylic
F-0871.16	1	Pump Setting Gauge Housing	Stainless Steel
F-0871.17	1	Top Block	Aluminum
F-0871.18	1	Vent Plug	Stainless Steel
F-0871.20	1	Hex Nut	Stainless Steel
F-0871.02	1	Plastic Mate to F-0871.07	Plastic
F-0871.21	1	Hex Bolt	Stainless Steel
F-0871.22	1	Spacer	Stainless Steel
F-0871.12	6	Frame Screw	Stainless Steel
F-0871.13	4	Valve Body & Mate Screw	Steel

F-0871
(5 Gallon)



Model 2000 Tank Gauge

F-1285
(10 Gallon)

Parts List

Part #	# Req.	Description	Material
1D20E	1	5/8" x 20" Red Line Glass Tube	Glass
A-0138	2	Pipe Plug	Steel
A-0306	1	Sight Feed Gauge Gasket	Teflon
A-3118	1	Connector	PVC
A-4092	2	Stat O Seal	Steel
D-0013	2	Viton Gasket	Viton
EZ	2	Pointer	Stainless Steel
F-0871.01	1	Hex Nut	Stainless Steel
F-0871.03	1	Black Viton O-Ring	Viton
F-0871.04	1	O-Ring	Viton
F-0871.06	1	O-Ring	Viton
F-0871.07	1	Valve Body	Stainless Steel
F-0871.08	1	Valve Stem	Stainless Steel
F-0871.09	1	Roll Pin	Stainless Steel
F-0871.10	1	Hex Nut	Stainless Steel
F-0871.11	1	Valve Stop	Stainless Steel
F-1285.15	1	Pump Setting Gauge Scale	Acrylic
F-0871.17	1	Top Block	Aluminum
F-0871.18	1	Vent Plug	Stainless Steel
F-0871.20	1	Hex Nut	Stainless Steel
F-0871.21	1	Hex Bolt	Stainless Steel
F-1285-F	1	10 Gallon Gauge Frame	Stainless Steel
15470	2	5/8" Square Cut Washer	Buna-N



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