



SHURflo®

Mini-Bulk Chemical Transfer

SYSTEMS & ACCESSORIES

SHURflo®
ELECTRONIC FLOW METER

MODEL FM-1100
SERVICE: (800) 864-3218

9.25 GAL

PRESS "ON" FOR 3 SECONDS TO ACTIVATE METER AND
TO ACCESS SETUP MODES



MODE/
ON



INCREASE



DECREASE

FOR FIELD USE



AG Runner™



The SHURflo AG Runner™ Transfer Pump System is designed to safely and accurately transfer bulk chemicals to the point of use.

Features include:

- Industry leading pump
- Portable
- Can be used with a variety of bulk containers
- Built for rugged service with a heavy-duty welded frame
- Simple and accurate flow indicator



Order Information

Part#	Description	Flow Meter Type
SF-1100-PTS	Chemical Transfer Pump with 12 VDC motor, 20 ft. cable, alligator clips and in-line fuse (Part # SF-1100), electronic flow meter, 1-in. NPT x 12 ft. EPDM discharge hose with ball valve/spout, and 1-in. NPT x 12 ft. EPDM inlet hose with 1-in. elbow/ball valve/fitting assembly with locking cam arms	Pump-mounted (FM-1100)
SF-1100-PTSi		Inline (FM-1100i)
SF-1100-PTSi-00		No Flow Meter

See Mini-Bulk Pump (pg. 3) for performance information.

Mini-Bulk Chemical Transfer System



SHURflo Mini-Bulk Chemical Transfer Pumps and Systems are designed specifically for chemical company tanks where the pump is integral to the tank. The SF-1100-REC system is mounted to any tank with a 9-inch, threaded opening. This system allows the pump to recirculate the suspended chemical components prior to transferring to the point of use.



Order Information

Part#	Description
SF-1100-REC	Chemical Transfer Pump with 12 VDC motor, 20 ft. cable, alligator clips & in-line fuse (Part # SF-1100), in-line electronic flow meter (Part # FM-1100i), 1-in. NPT x 12 ft. EPDM discharge hose with ball valve/spout, 3-way valve, tubing and fittings to allow tank recirculation

See Mini-Bulk Pump (pg. 3) for performance information.

Mini-Bulk Pumps



The SF-1100 Series Bulk Chemical Pumps are the industry leader. They are designed for efficiency and power to handle highly viscous fluids. Servicing the SF-1100 series pump is a rare event, but if needed, it can be serviced quickly and easily with only a few hand tools.

Features include:

- Specialized EPDM elastics or Viton option
- 12 volt DC or 110 volt AC motor option
- 20 foot cord with alligator clips and in-line fuse (DC only)
- Weather protected on/off switch
- Internal bypass to protect the pump at shut-off
- 2" MNPT inlet, 1" FNPT outlet
- Capable of priming up to 12 feet

Order Information

Part#	Valves	Motor
SF-1100	EPDM	12 VDC
SF-1100-110V	EPDM	110 VAC
SF-1105	Viton®	12 VDC

Model	PSI	BAR	GPM	L/min	Amps
SF-1100 and SF-1105	0	0.0	10.7	40	9.3
	5	0.3	10.1	38	10.3
	10	0.7	8.7	33	12.3
	15	1.0	7.6	29	13.9

Mini-Bulk Flow Meters



The FM-1100 Series Electronic Flow Meter is designed for accurate and easy measuring of transferred chemicals. The FM-1100 Series Flow Meter is an integral component for a complete bulk chemical transfer system.

Features include:

- Accurate nutating disk design
- Large LCD display makes meter reading easy from a distance
- Simple calibration steps and control button layout
- Long-life lithium battery
- Easy-to-service electronics and batteries
- Available in pump-mounted and hose-end configurations

Order Information

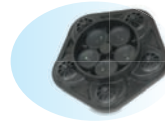
Part#	Description	Inlet/Outlet
FM-1100	Pump-mounted meter kit	1" MNPT
FM-1100i	In-line meter kit	1" FNPT



Part# 94-718-00



Part# 94-719-00



Part# 94-720-00
& 94-720-05



Part# 94-721-00

Mini-Bulk Pump Kits for SF-1100 Series

Part Number	Description
94-718-00	Motor assembly kit used in any SF-1100 series pumps. Kit includes a 12 VDC motor with integrated pump lower housing, built-in on-off switch, 20 foot cable, alligator clips and in-line fuse
94-719-00	Santoprene® diaphragm/lower housing/drive assembly - ready for installation
94-720-00	EPDM valve housing kits include a complete fully-assembled valve housing with o-ring seal* - ready for installation
94-720-05	Viton® valve housing kits include a complete fully-assembled valve housing with o-ring seal* - ready for installation
94-721-00	Polypropylene upper housing - includes o-ring seal* and pump head screws

* Manufacturer recommends replacing the O-ring seal whenever the pump has been dismantled.



Part# 94-732-00



Part# 94-733-00



Part# 94-734-00



Part# 94-735-00



Part# 94-736-00

Mini-Bulk Flow Meter Kits for FM-1100 Series

Part Number	Description
94-732-00	Flow meter electronics kit includes the front cover assembly and the electronic display with o-ring and batteries. Kit fits both pump-mounted and in-line meters.
94-733-00	Flow meter housing seal cover kit includes the seal cover, o-ring and screws. Kit fits both pump-mounted and in-line meters.
94-734-00	Nutating chamber assembly, including o-ring seal. Kit fits both pump-mounted and in-line meters.
94-735-00	90° meter housing with o-ring seal for pump-mounted flow meter
94-736-00	Meter housing with o-ring seal for in-line flow meter



Part# 3320-0064



Part# 8-727-00



Part# 94-712-00



Part# 94-716-00



Part# 94-717-00



Part# 94-723-00



Part# 94-724-00



Part# 94-725-00



Part# 94-737-00



Part# 94-738-00

Other Mini-Bulk Parts & Accessories

Part Number	Description
NEW 3320-0064	Anti-flow back valve for EPA compliance
8-727-00	2 inch FNPT by 1 inch FNPT polypropylene reducer coupling
94-712-00	2 inch male NPT by 2 inch female NPT street elbow fitting
94-716-00	1 inch NPT ball valve with spout
94-717-00	1 inch NPT x 12 foot EPDM discharge hose kit
94-723-00	Set of red and black alligator clips, including fuse holder
94-724-00	Replacement recirculation lid
94-725-00	Replacement recirculation cap
94-737-00	Recirculation system return hose kit - includes return hose and two hose clamps
94-738-00	Elbow, valve and coupling assembly - includes a 1 inch street elbow, 1 inch ball valve, and 1 inch bayonet tank coupling

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