

Solvent Meter

X004499B

EN

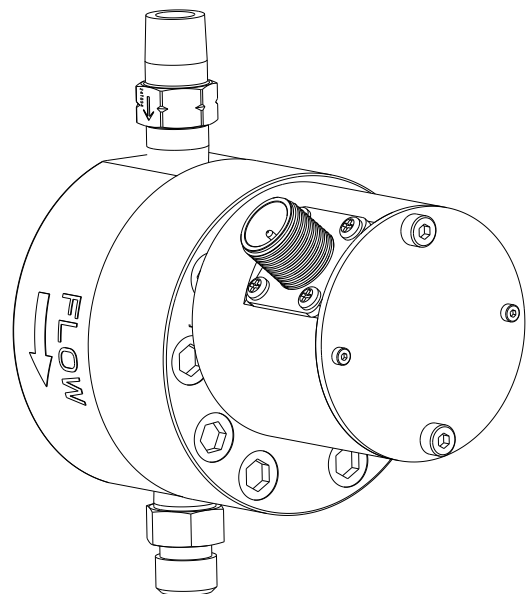
Used to monitor the volumetric flow rate of solvent through a ProMix V Package Meter Proportioner. For professional use only.

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Important Safety Instructions

Read all warnings and instructions in this manual and in any related manuals before using the equipment. Be familiar with the proper control and usage of the equipment. Save these instructions.



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Related Manuals

Find English manuals and any available translations at www.graco.com.

English Manual Number	Description
3B0203	ProMix V Package Meter Proportioner Instructions
3B0361	ProMix V Package Meter Proportioner Repair-Parts
3B0236	Fluid Mix Manifold Instructions

Installation


WARNING







PRESSURIZED FLUID HAZARD

This equipment stays pressurized until pressure is manually relieved. To help prevent serious injury from pressurized fluid, such as skin injection, splashing fluid and moving parts, follow the Pressure Relief Procedure when you stop pumping and before cleaning, checking or servicing the equipment.

PERSONAL PROTECTIVE EQUIPMENT

Wear appropriate protective equipment when in the work area to help prevent serious injury, including eye injury, hearing loss, inhalation of toxic fumes, and burns.

Use FIG. 4 as a guide for installing the solvent meter.

1. Perform the Pressure Relief procedure in the ProMix V Package Meter Proportioner Instructions manual. See **Related Manuals**, page 2.
2. Perform the Shutdown procedure in the ProMix V Package Meter Proportioner Instructions manual. See **Related Manuals**, page 2.
3. Install the solvent meter (101) beside meter B using the meter system bracket (111) and two hex head screws (107). See FIG. 4.
4. Plumb the steel braided line (108) from the solvent meter (101) to the mix manifold. See FIG. 1 and FIG. 4.
5. Plumb the customer supplied solvent supply to the check valve (102) on solvent meter (101). See FIG. 4.
6. Attach the cable harness (106) and bulkhead cable (109) as shown in FIG. 4, then mount into the main enclosure.

NOTE: A wiring diagram can be found on the inside of the ProMix V control box cover. Refer to this wiring diagram when installing meter wires, including the EXP-3 lower section. See FIG. 5 on page 6.

7. To install wires into I/O plugs, push the connector into place.

White wire to METER SS	1
Black wire to METER S-	2
Red wire to METER S+	3

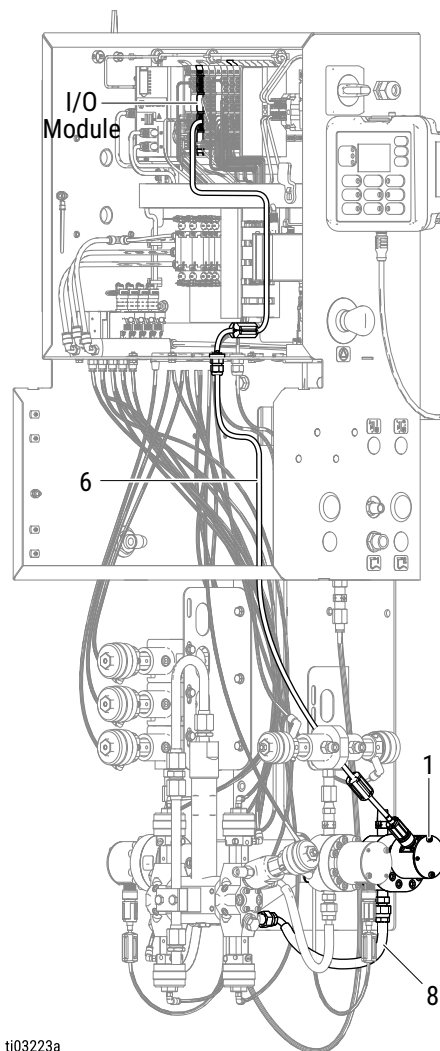


FIG. 1: Package Meter Proportioner Typical Installation

8. To enable the solvent meter:
 - a. Navigate to the main screen using a tablet or computer, then log in.
 - b. On the Home screen, make sure the control is OFF, as shown in FIG. 2.

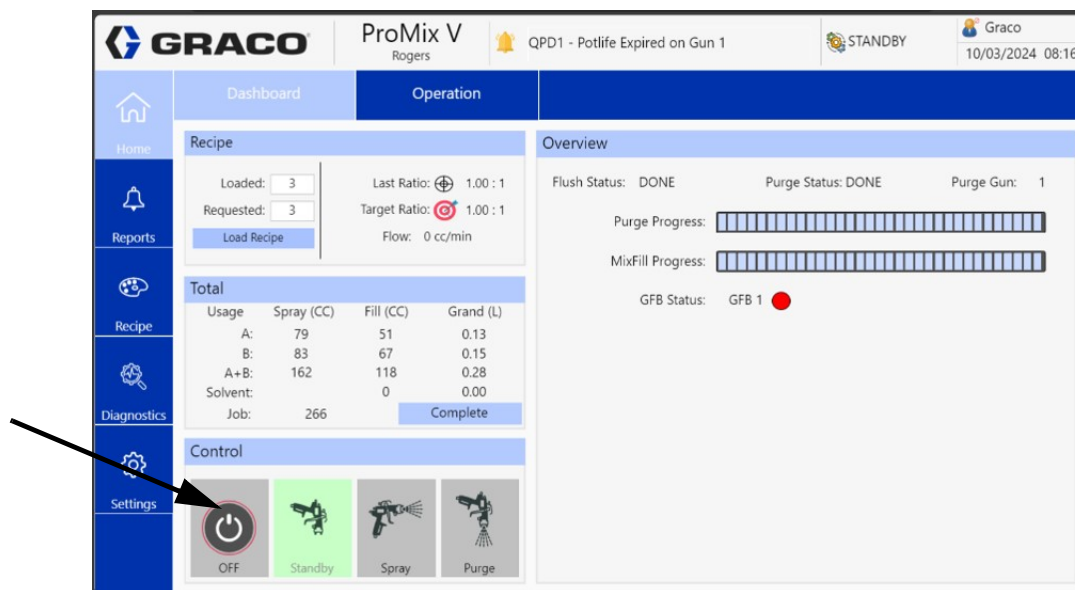


FIG. 2

- c. Navigate to the Settings tab, then navigate to the Hardware tab. Check any new hardware to enable. See FIG. 3.

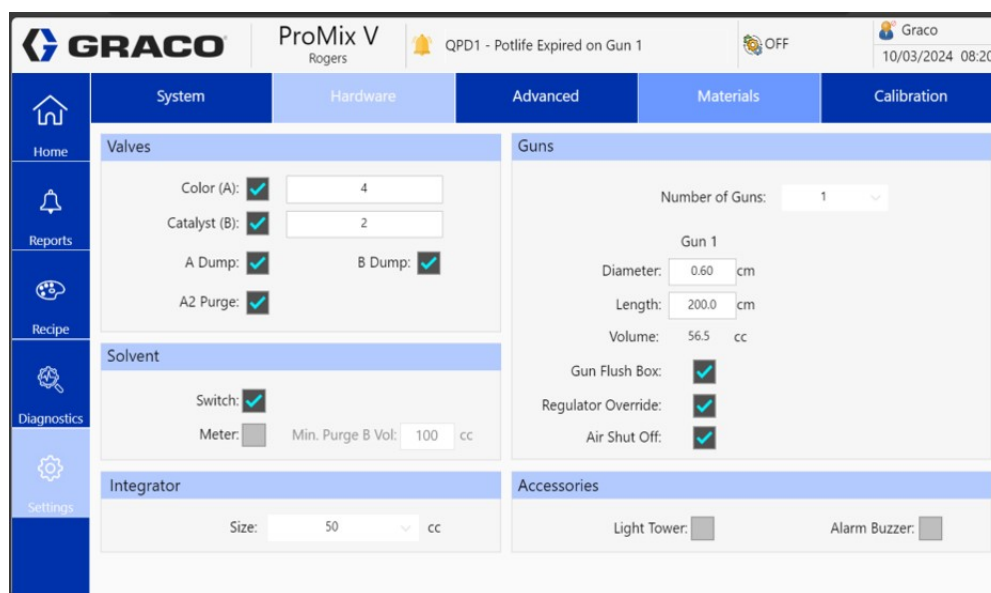
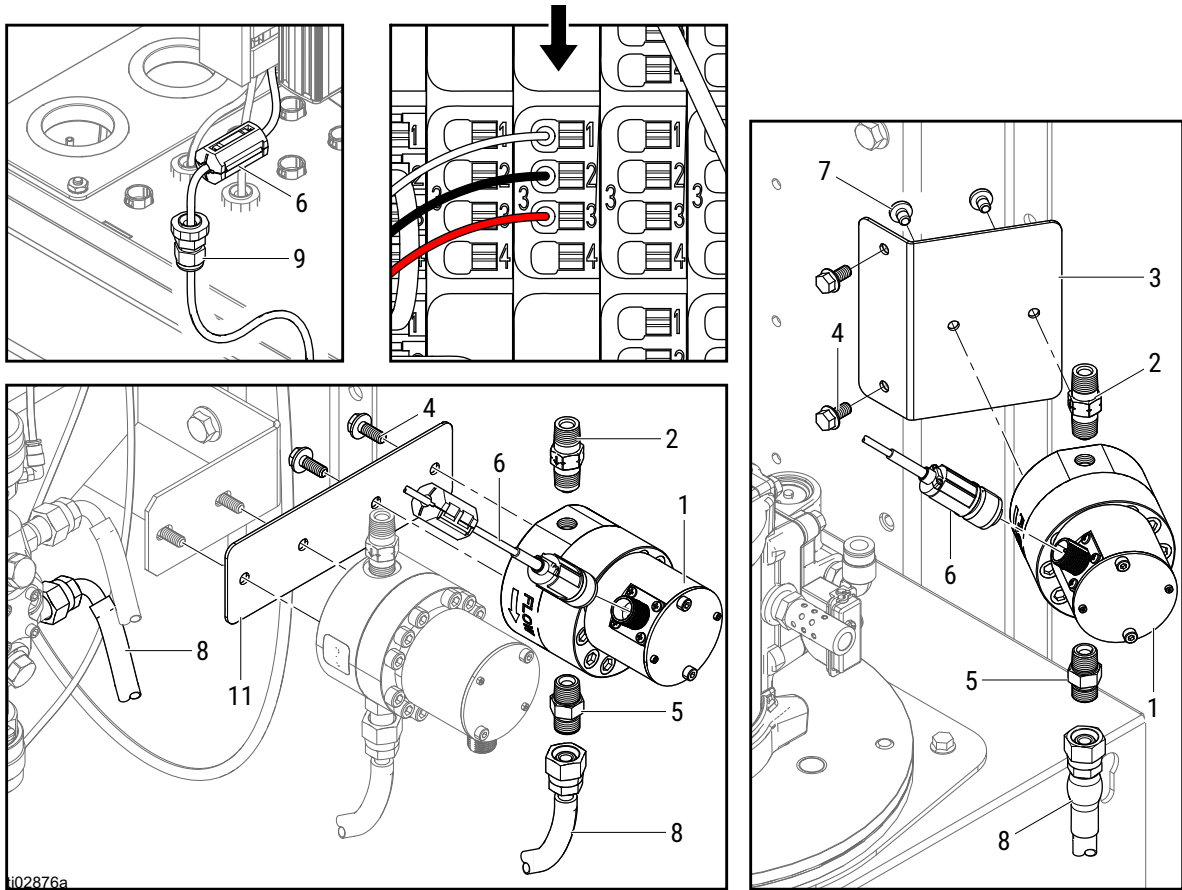


FIG. 3

NOTE: Each recipe must be changed if using the dump valve.

Parts



ProMix V Package Meter Proportioner

FIG. 4

Ref.	Part	Description	Qty
1	---	METER, solvent, assembly, totalizing	1
2	24T894	VALVE, check	1
5	---	FITTING, nipple, hex, 1/4 npt, sst, swv	1
6	---	HARNESS, cable, flow meter 2k	1
7	113161	SCREW, flange, hex hd	2
8	---	HOSE, coupled, 10 in. lg, 4000 psi	1
9	---	CONNECTOR, cord strain relief	1
10*	---	SEALANT, pipe, sst	1
11	---	BRACKET, solvent meter mounting, meter system, painted	1

* Not shown.

Wiring Diagram

NOTE: This wiring diagram can be found inside the door on the ProMix V Package Meter Proportioner.

M4000	2CNT-100	2CNT-100	8DI-P	8DO-P	PF-O	8DO-P	8DO-P	8DO-P
1 METER BS 1 METER B - 2 METER B + 3 4 3 24V DC 1.3.1 1 VJ 1.3.2-1.4.1 2 COM 1.3.3 3 CJ 1.3.4-1.4.3 4 4 VJ 1.3.2-1.4.1 1 24V DC PB 2 CJ 1.3.4-1.4.3 3 CJ 1.4.4-6.4.4 4 EXP-1	1 METER BS 1 METER B - 2 METER B + 3 4 3 METER AS 1 METER A - 2 METER A + 3 4 EXP-2	1 METER SS 1 METER S - 2 METER S + 3 4 EXP-3	1 STOP PB 1 SOL FS - 2 SOL FS + 3 4 3 GFB PS 2 - 1 GFB PS 2 + 2 GFB PS 1 - 3 GFB PS 1 + 4 4 AIR FS 2 - 1 AIR FS 2 + 2 AIR FS 1 - 3 AIR FS 1 + 4 EXP-4	1 LIGHT RED + 1 LIGHT YEL + 2 3 4 LIGHT GRN + 1 LIGHT COM - 2 ALARM + 3 ALARM - 4 EXP-5	1 STOP PB 1 24V DC 6.4.2 2 3 CJ 1.4.4-6.4.4 4 EXP-6	1 DUMP B + 1 DUMP B - 2 DUMP A + 3 DUMP A - 4 3 PURGE B + 1 PURGE B - 2 PURGE A + 3 PURGE A - 4 4 DOSE B + 1 DOSE B - 2 DOSE A + 3 DOSE A - 4 EXP-7	1 REG OVR 2 + 1 REG OVR 2 - 2 REG OVR 1 + 3 REG OVR 1 - 4 3 PURGE A2 + 1 PURGE A2 - 2 CAT 2 + 3 CAT 2 - 4 4 CAT 1 + 1 CAT 1 - 2 CAT FLUSH + 3 CAT FLUSH - 4 EXP-8	1 COL 7 + 1 COL 7 - 2 COL 6 + 3 COL 6 - 4 3 COL 3 + 1 COL 3 - 2 COL 2 + 3 COL 2 - 4 4 COL 1 + 1 COL 1 - 2 COL FLUSH + 3 COL FLUSH - 4 EXP-9

FIG. 5

California Proposition 65

CALIFORNIA RESIDENTS

 **WARNING:** Cancer and reproductive harm – www.P65warnings.ca.gov.

[illegible]

Graco Standard Warranty

Graco warrants all equipment referenced in this document which is manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale to the original purchaser for use. With the exception of any special, extended, or limited warranty published by Graco, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by Graco to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

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This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Graco distributor for verification of the claimed defect. If the claimed defect is verified, Graco will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor, and transportation.

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*All written and visual data contained in this document reflects the latest product information available at the time of publication.
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Original instructions. This manual contains English. MM X004499

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