

# CHEMGLASS

## Liquid Diaphragm Pump

### *CG-1171-50*

(For Use with Gas Scrubber, CG-1830-50)



# OPERATIONS MANUAL

**CHEMGLASS**

3800 North Mill Road • Vineland, NJ 08360 • USA

Tel: 1-800-843-1794 • Fax: 1-800-922-4361

Web: [www.cglifesciences.com](http://www.cglifesciences.com)

REV: A 12/05/13

# **CG-1171-50 LIQUID DIAPHRAGM PUMP, CONSTANT SPEED**

6 L/min, 8.8”Hg, 14.5psig, Liquid Diaphragm Pump with PVDF/FFPM/PTFE Wetted Parts

## **Specifications:**

Dimensions H x W x D .....	10” x 6.5” x 4.5”
Pump Head.....	PVDF
Diaphragm.....	PTFE Coated
Valves.....	FFPM
Maximum Head Pressure .....	14.5 psi
Power Requirements .....	115 VAC, 60Hz
Head Connections.....	1/2” Tube OD Compression Fittings

***PLEASE NOTE: DESIGNED FOR SCRUBBER STAND MOUNTING ONLY, NOT A BENCHTOP MODEL.***

Power Cord with  
mounted Switch



Mounting Plate with Handle

"IN" Flow indicator

"OUT" Flow indicator

Figure 1

## Set up / Operation:

- Mount Pump to Scrubber Stand using the integral mounting plate/handle.
- Connect 1/2" tubing to compression fittings. Note arrows indicate flow direction.
- Insert power cord into electrical outlet (voltage 115VAC).
- Turn power cord mounted switch "ON".

# Chemglass, Chemglass Life Sciences, Warranty and Limitation of Liability

## Warranty:

Chemglass, Inc. guarantees this unit against defects in material and workmanship for a period of one year from the date of purchase. If the unit should malfunction, it must be returned for evaluation. If the unit is determined to have a defect in materials or workmanship, then it will be repaired or replaced at no charge. Tampering with the unit or damage resulting from excessive current, heat, moisture, vibration, corrosive materials, or misuse will void this warranty. Programming changes or reconfigurations are not covered under warranty. CGLS shall not be responsible to the original purchaser or any other party or parties for bodily or property loss, damages, or injuries of any kind or nature through either direct or indirect use of the product.

## Return Authorization:

CGLS must authorize any return of material. Please contact a customer service representative via the correspondence listed below to obtain a Return Merchandise Authorization (RMA) number. The purchaser is responsible for all packing and shipping to CGLS. If the equipment or material came in contact or was proximate to any biological organism, toxic or corrosive material, or any agent reasonably deemed to be potentially harmful, it must be cleaned and decontaminated prior to receipt by CGLS. The purchaser is obligated to disclose fully in writing, the cleaning and decontamination method. We reserve the right not to accept any unauthorized or potentially harmful shipment.

## Correspondence:

Chemglass Life Sciences  
3800 North Mill Rd.  
Vineland, NJ 08360  
USA

Phone: 800-843-1794  
Email: [customer-service@cglifesciences.com](mailto:customer-service@cglifesciences.com)  
Web: [www.cglifesciences.com](http://www.cglifesciences.com)

