

# Rotameter

## 582373 (6550-00)

**FESTO**

LabVolt Series

Datasheet



\* The product images shown in this document are for illustration purposes; actual products may vary. Please refer to the Specifications section of each product/item for all details. Festo Didactic reserves the right to change product images and specifications at any time without notice.

Festo Didactic  
en  
11/2024

## Table of Contents

General Description _____	3
Specifications _____	3

## General Description

The rotameter is an analog device that measures the flow rate of a fluid as the material pushes on a floating indicator. Rotameters help to ensure that system fluid flow rates are normal and passageways are not excessively restricted or blocked, which could dramatically raise fluid pressure. The rotameter is calibrated in both liters per minute (L/min) and gallons per minute (gal/min), and the clear-tapered tube permits visual inspection of the internal fluid and observation of trapped air bubbles, dirt, and debris within a system loop.

## Specifications

Parameter	Value
<b>Rotameter</b>	
Type	Tapered tube with float indicator
<b>Inlet and Outlet Diameter</b>	1.3 cm (0.5 in)
<b>Flow Range</b>	2-20 L/min (0.5-5 gal US/min)
<b>Mounting</b>	Vertical
<b>Accuracy</b>	±5% of full scale
<b>Pressure Taps</b>	Two, one at the inlet and one at the outlet, with quick-connect ball check socket.
<b>Physical Characteristics</b>	
Dimensions (H x W x D)	36.83 x 7 x 10.48 cm (14.5 x 2.75 x 4.125 in)
Net Weight	1.8 lb (0.82 kg)

Reflecting the commitment of Festo Didactic to high quality standards in product, design, development, production, installation, and service, our manufacturing and distribution facility has received the ISO 9001 certification.

Festo Didactic reserves the right to make product improvements at any time and without notice and is not responsible for typographical errors. Festo Didactic recognizes all product names used herein as trademarks or registered trademarks of their respective holders. © Festo Didactic Inc. 2024. All rights reserved.

**Festo Didactic SE**

Rechbergstrasse 3  
73770 Denkendorf  
Germany

P. +49(0)711/3467-0  
F. +49(0)711/347-54-88500

**Festo Didactic Inc.**

607 Industrial Way West  
Eatontown, NJ 07724  
United States

P. +1-732-938-2000  
F. +1-732-774-8573

**Festo Didactic Ltée/Ltd**

675 rue du Carbone  
Québec QC G2N 2K7  
Canada

P. +1-418-849-1000  
F. +1-418-849-1666

[www.labvolt.com](http://www.labvolt.com)

[www.festo-didactic.com](http://www.festo-didactic.com)