

# MS-50 MBFS

## Manual Backfill Station

The perfect complement to our MS-50 High Speed Production Console Helium Leak Detector for in-process evacuation/backfill and leak testing.

Allows evacuation, final backfill and pinch-off of hermetically sealed devices

Unit is ideal for backfilling sealed relays, switches, gyros, timers, etc.

Includes mechanical roughing pump and backfill manifold

0 to 30 inch Hg pressure gauge

12" diameter base-plate with 2 ports and optional bell jar



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

*The MS-50/Manual Backfill Station is available in various configurations designed to meet your specific leak testing requirements.*



**Vacuum Instrument Corporation**

2099 Ninth Avenue • Ronkonkoma, NY 11779 • T 631 737 0900 • F 631 737 1541 • [sales@vicleakdetection.com](mailto:sales@vicleakdetection.com)

## MS-50 Manual Backfill Station Specifications

**General Description:** The MS-50 Backfill Station is designed to be used with an MS-50 Series Leak Detector for in-process evacuation and backfill, leak testing, and final filling of hermetically sealed devices. It is intended for use exclusively with inert gases, such as helium, argon and dry nitrogen.

### System

System provides 3-gas mixing and a 0 to 30 inch pressure gauge. Available for *MS-50 Series Console Leak Detectors*.

12" stainless steel base-plate (also available with 15" or 19" base-plate), with 2, one inch ports (1 port for backfill and 1 port for connection to the leak detector).

Side port manifold for integration to our *MS-50 Series Console Leak Detectors*.

Digital readout vacuum gauge

Stainless steel working surface.

### Chamber Size

Optional, to meet customer's requirements.

### Pump

7 CFM direct drive mechanical pump for fast evacuation.

### Capacity

3 gases with independent flow controls.

### Dimensions

25 <sup>3</sup>/<sub>4</sub>" (654mm) W x 35 <sup>1</sup>/<sub>4</sub>" (896mm) H x 30 <sup>5</sup>/<sub>8</sub>" (778mm) D.

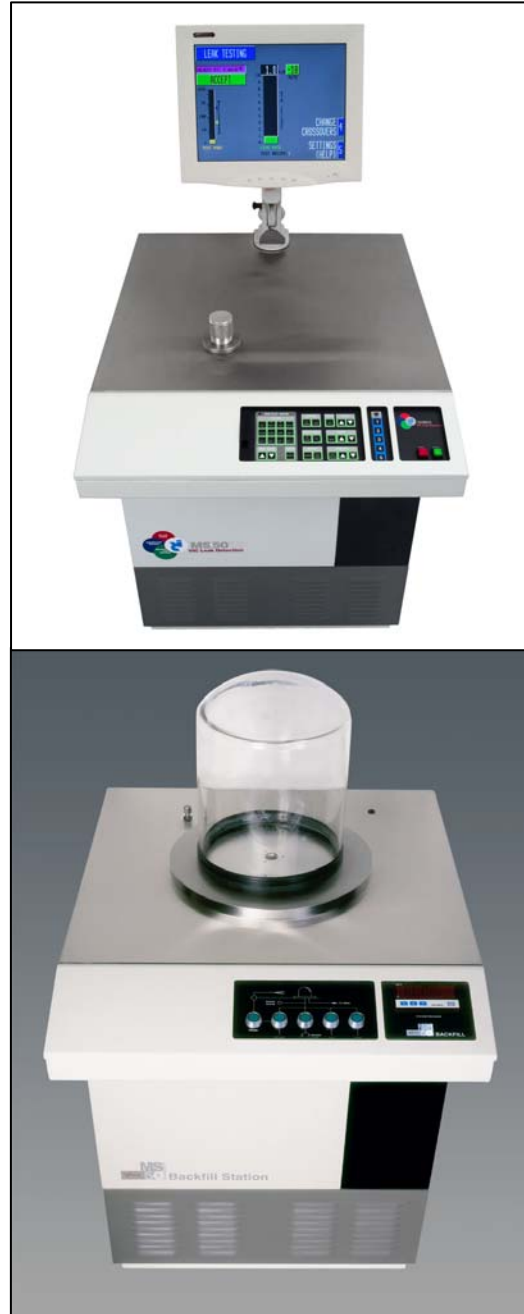
### Shipping Weight

350 lbs (158.8 kg)

### Power Requirements

100V, 50 Hz; 115V, 50/60 Hz;  
230V, 50 Hz

### MS-50 and Manual Backfill Station



### Vacuum Instrument Corporation

2099 Ninth Avenue • Ronkonkoma NY 11779 • Tel 631 737 0900 • Fax 631 737 1541

www.vicleakdetection.com • email sales@vicleakdetection.com

\* Performance determined in accordance with American Vacuum Society Standards; Specifications subject to change without notice.

©2008 Vacuum Instrument Corporation; ®VIC Leak Detection is a registered trademark and the VIC symbol and the MS-(series) are trademarks of Vacuum Instrument Corporation.