

DV-40S

WIRELESS MICRON GAUGE



DV-40S



AVAILABLE AS "DV-40S"

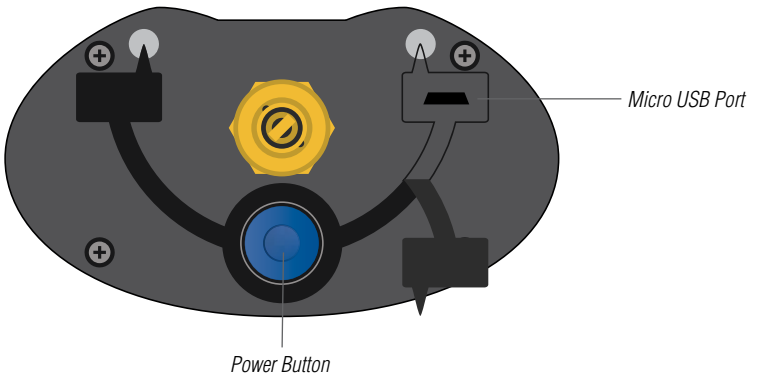
OPERATING MANUAL

OPERATION OVERVIEW

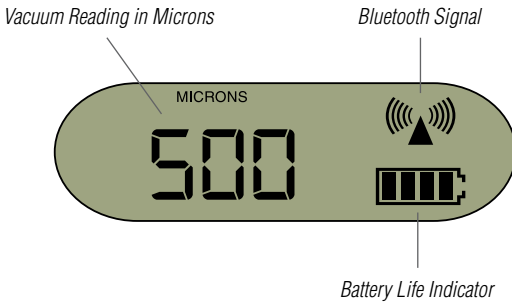
1. To power on, press blue POWER button once.
2. To power off, press blue POWER button once.
3. To charge unit, plug micro-USB into female MICRO-USB PORT on bottom of DV-40S.

The DV-40S is designed for use in conjunction with the DV-40S smart device user app. The app is available for download in the Apple Store or Google Play as DV-40S. The DV-40S can be used without the smart device app, however will only have basic functionality.

Bottom View of DV-40S



Screen Display Features



CONNECTING TO DV-40S APP

1. Download the DV-40S app to your smart device from the Apple Store or Google Play.
2. Enable Bluetooth® setting on your smart device.
3. Power on the DV-40S by pressing blue POWER button on bottom of DV-40S.
4. Open the DV-40S app on smart device and select the JB MAIN MENU in the upper left corner.
5. Select SCAN under DEVICES to search for available devices and select VACUUM GAUGE.
6. The DV-40S is now connected and ready for use.



DV-40S App Features



JB Main Menu

Advanced features including color theme options and scanning for connection devices

Clipboard

Access data logging and sharing features; save data and email as text

Target and Leak Alarms

Selection boxes arm and silence

Main Vacuum Reading Display

Unit of Measure Selection

Job and Rise Test Timers

Can be managed and recorded separately

Rise Vacuum Chart

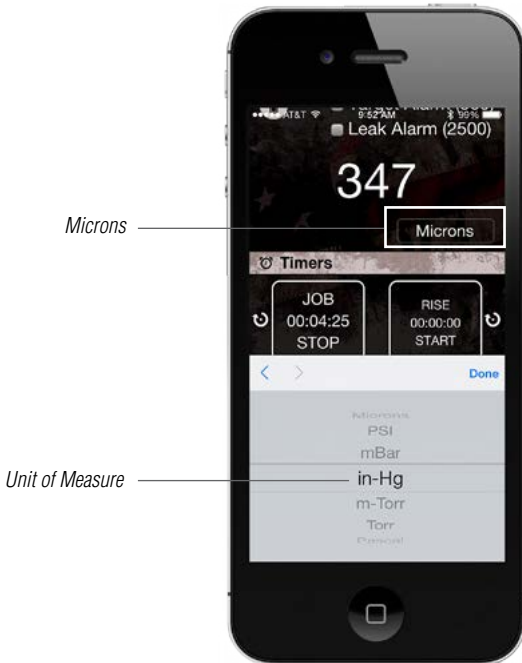
Line graph display of the change in vacuum during the rise test

DV-40S APP SETTINGS

Unit of Measure

The unit of measure can be easily changed by selecting the MICRONS button on screen display.

Scroll to the UNIT OF MEASURE that is desired and select DONE; to change back to MICRONS, repeat steps.



Theme Colors

The DV-40S app allows you to change the color theme of the app to adjust for environment lighting.

1. To change the theme, select the JB MAIN MENU in the upper left corner of the app.
2. Select the THEME menu option. Two settings are available, light and dark.
3. Select desired theme. Change is immediate and returns you to the main screen display.

Dark Theme



Light Theme



Screen Orientation

To change the screen orientation, turn the smart device sideways and the app will automatically adjust to either portrait or landscape.

Note: Be sure the screen orientation of your smart device is not locked.



Timer Settings

To start timer, tap JOB START/STOP button.

To stop timer, tap JOB STOP/START button.

To reset timer, tap RESET icon.



High Resolution Display

When high resolution display option is selected, pressure is shown as actual, in one unit increments.

When the option is off, readings are rounded.

Alarm Settings

The DV-40S has alarming capabilities which can be set to alert when a certain vacuum is reached, and also when a specific rise in vacuum needs to be detected. The latter is useful when a leak or rise test is being conducted to indicate the presence of moisture or a leak in HVAC systems.

Set Alarm

1. Tap the JB MAIN MENU in the upper left corner.
2. Select ALARM to access Alarming Menu with different variables the user can select including values at which the app will alarm, what type of sound it will use to alarm, and if the user would like the smart device to vibrate.

Once options are selected and saved, values will be stored until they are changed.



Activate Alarm

1. Select the check box on the main screen for either TARGET ALARM (on the way down) or LEAK ALARM (on the way up).
2. Once the alarm sounds it can be turned off by deselecting the check box.



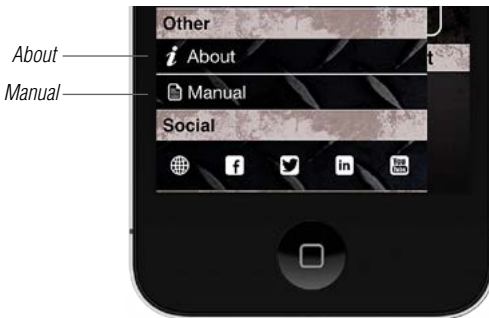
ADDITIONAL INFORMATION

About

The ABOUT menu option displays information regarding hardware and software versions that is helpful in providing technical support for the product in the field.

Manual

The MANUAL menu option links to the downloadable DV-40S Operating Manual.



ORDERING INFORMATION

DV-40S WIRELESS MICRON GAUGE	
PART NO.	DESCRIPTION
DV-40S	Wireless micron gauge with case and charging adapter
DV-40S-CS	Protective carrying case for the DV-40S
DV-40S-AC	Charging adapter with cord
A34000D	1/4" QC x 1/4" access tee w/depressor
P90009	Replacement o-ring (10 pack)

RETURN FOR REPAIR

Every effort has been made to provide reliable, superior quality products. However, in the event your instrument requires repair, please contact JB Customer Service Department to obtain a Return Goods Authorization (RGA) number. Ensure that all returned products are packed to avoid any damage in shipment. Paperwork should be placed in a separate plastic bag and should include JB's assigned RGA number, a description of the problem and any customer assigned repair or purchase order number, if applicable.

Contact Customer Service for RGA number:

800.323.0811 Toll
800.552.5593 Toll Fax

Products should be shipped with freight prepaid to:

JB Industries
RGA# _____
601 N. Farnsworth Ave.
Aurora, IL 60505
630.851.9444 Tel
630.851.9448 Fax

WARRANTY

DV-40S Wireless Micron Gauges are warranted against defects in materials and workmanship for 12 months from date of purchase. JB products are guaranteed when used in accordance with our guidelines and recommendations. Warranty is limited to the repair, replacement, or credit at invoice price, (our option) of products which in our opinion are defective due to workmanship and/or materials. In no case will we allow charges for labor, expense or consequential damage. Repairs performed on items out of warranty will be invoiced on a nominal basis; contact wholesaler for details. Product Warranty Registration, Limited Warranty and OTC Warranty are available online at www.jbind.com.



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