

# DV-40S WIRELESS MICRON GAUGE

## OPERATING & APP INSTRUCTIONS MANUAL



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# GENERAL OPERATION

## KEY OPERATION OVERVIEW

To turn power on, press blue power button once.

To turn power off, press blue power button once.

To charge unit, plug micro-USB into female micro-USB port on bottom of DV-40S.

Most other operations are conducted via the smart phone through the APP.

Download APP from APP Store or Google Play for approved devices.



## INFORMATION DISPLAYED ON THE DV-40S SCREEN

Bluetooth® signal

Vacuum reading in microns

Battery life indicator



The DV-40S can be used without an APP, but will only have the most basic of functions.

## CONNECTING TO DV-40S APP

- 1 Ensure Bluetooth® is enabled on your iPhone, iPad, or Android.
- 2 Power up the DV-40S by pressing blue power button on bottom of DV-40S.
- 3 Open the DV-40S APP and select the JB in the upper left-hand corner.
- 4 Select Scan to search for available devices and select "Vacuum Gauge"
- 5 The DV-40S is now connected and is ready for use.



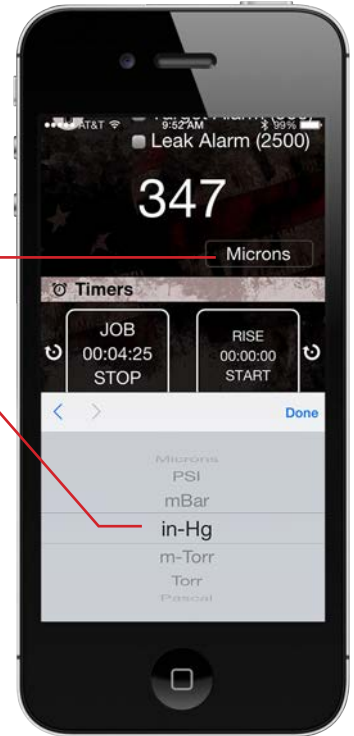
# SMART PHONE OPERATION

## UNIT OF MEASURE

The unit of measure can be easily changed by tapping on the “micron” bar.

Simply tap the unit of measure that is desired.

To change back, follow the same steps.



## THEME

The DV-40S APP allows you to change the colors or theme of the APP. This may be helpful in certain lighting situations.

To change the theme select the JB in the upper left-hand corner of the APP.

This opens up many options including “Theme.”

There are two settings, light and dark.

Check the one you want and it will change immediately and send you back to the main screen.

*DARK THEME*



*LIGHT THEME*



## LANDSCAPE

To change the orientation and make the screen bigger for easier viewing, simply turn the Smart Phone sideways and the APP will automatically adjust.



## TIMERS

To start a timer simply tap the timer.

To stop the timer tap the timer again.

To reset the timer tap the timer reset icon.



## HIGH RESOLUTION

High resolution display means that pressure is shown as-is, in 1 unit increments.

The display resolution allows you to select whether pressure will be shown at high resolution.

When the setting is OFF, readings are rounded off according to the pressure being displayed. Options are simply ON and OFF.

## ALARM

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.

### TO SET AN ALARM:

1. Tap the *JB logo* in the upper left-hand corner of the APP to bring up the menu.
2. Select “Alarm” and another alarming menu will be displayed 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 phone to vibrate.
3. Once saved, these values will be remembered until they are changed.

### TO ACTIVATE THE ALARMS:

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 same check box.



## ABOUT

This menu option will display important information about hardware and software versions that may be helpful in JB supporting the product in the field.

## MANUAL

This menu option provides a link to an online operation manual for DV-40S.

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