

1. Tool Description

1.1 Using the S1



- 1) Cable with OBD II Connector – Connects the S1 to the vehicle's Data Link Connector (DLC).
- 2) LCD Display – Indicates test results.
- 3) ENTER Button – Confirms a selection (or action) from a menu list.
- 4) UP / DOWN Buttons – Moves cursor up or down for selection; or turns page up or down when more than one page displayed.
- 5) EXIT Button – Returns to previous menu.
- 6) USB Port – ***It's for VXSCAN S1 factory only.***

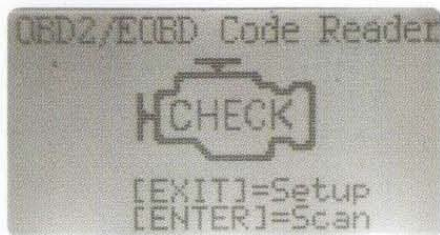
1.2 Specifications

- 1) Display: 126x64 pixel, backlit
- 2) Operating Temperature: 0 ° C to 60° C (32 to 140 F°)
- 3) Storage Temperature: -20 ° C to 70° C (-4 to 158 F°)
- 4) External Power: 9 to 18 volts provided by the vehicle ECU
- 5) Unit Dimensions: 113mm (L) * 69mm (W) * 18mm (H)
- 6) Test Cable length: 0.75m
- 7) GW: 0.3kg

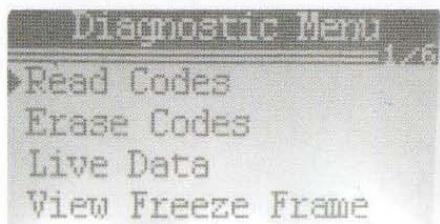
2. Operation

2.1 Connection

- 1) Turn the ignition off.
- 2) Locate the vehicle's 16-pin Data Link Connector (DLC).
- 3) Plug into the OBD II cable to the vehicle's DLC.
- 4) Turn the ignition on. Engine can be off or running. The software main interface of S1 will be as showed below.

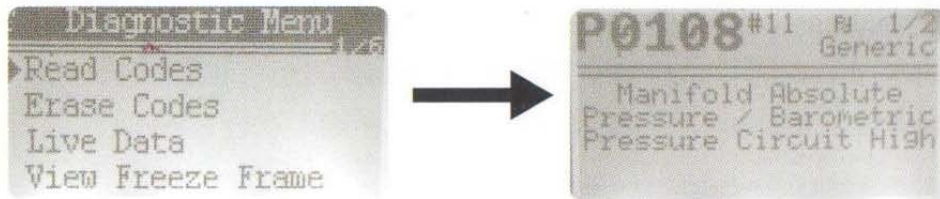


- 5) Press **ENTER** button to enter **Diagnostic Menu**. A sequence of messages displaying the OBD II protocols will be observed on the display until the vehicle protocol is detected.
- 6) After the system status (Codes numbers, Monitor status and so on) is displayed, press any key or wait a few seconds to enter **Diagnostic Menu**.



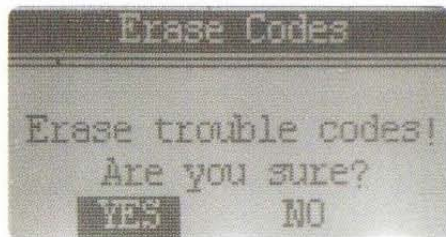
2.2 Reading Codes

Press [**↑**] or [**↓**] to select **Read Codes** from **Diagnostic Menu** and press ENTER button. 1/2 indicates that 2 codes exist in ECU totally, and now P0108 is the first code displayed. Use [**↓**] key to view the next trouble code.



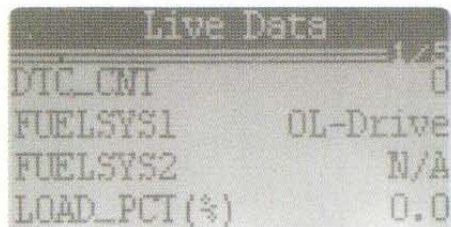
2.3 Erase Codes

Press [↑] or [↓] to select **Erase Codes** from **Diagnostic Menu** and press **ENTER** button to erase or clear trouble codes.



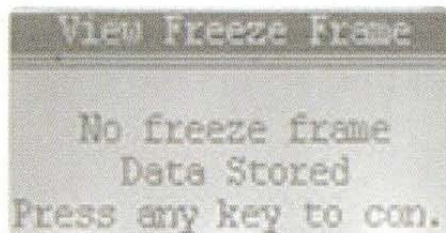
2.4 Live Data

Press [↑] or [↓] to select **Live Data** from **Diagnostic Menu** and press **ENTER** button to view the data stream.



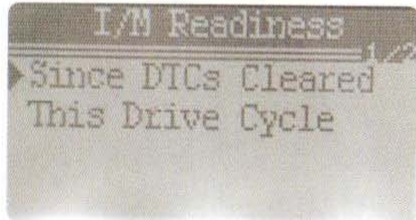
2.5 View Freeze Frame

Press [↑] or [↓] to select **View Freeze Frame** from **Diagnostic Menu** and press **ENTER** button to view the freeze frame.



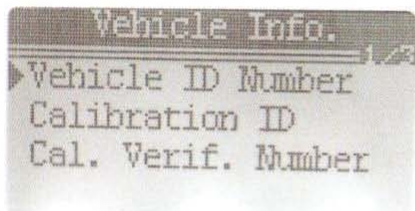
2.6 I/M Readiness

Press [↑] or [↓] to select **I/M Readiness** from **Diagnostic Menu** and press **ENTER** button to view I/M Readiness.



2.7 Vehicle Info.

Press [↑] or [↓] to select **Vehicle Information** from **Diagnostic Menu** and press **ENTER** button view the vehicle's information.

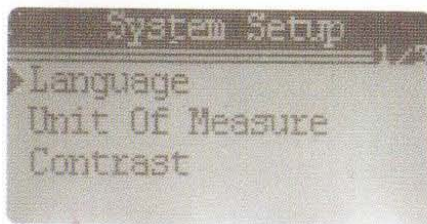


2.8 Tool Setup

Main interface is as shown below after power on.

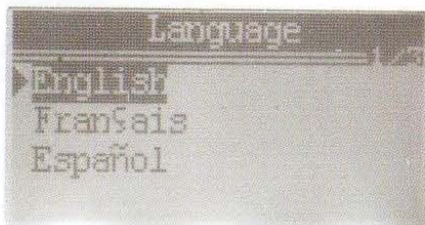


Press **EXIT** button into the device setup. The interface of System Setup is listed as: Language, Unit of measure and Contrast.



1) Language: Selects desired language

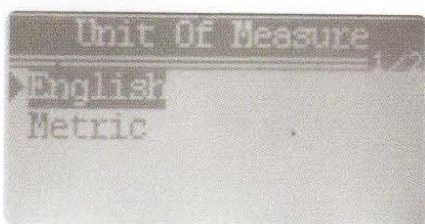
Select **Language** and press **ENTER** button, the screen will display the interface as shown below:



Press [**↑**] or [**↓**] to select the desired language and press **ENTER** button to save your selection.

2) Unit of Measure: English or Metric

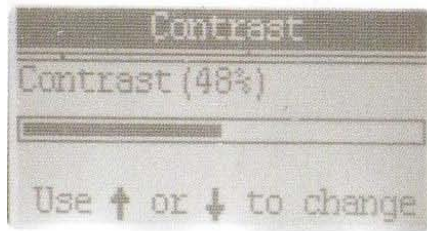
Select **Unit of Measure** and press **ENTER** button, the screen will display the interface as shown below:



Press [**↑**] or [**↓**] to select unit and press **ENTER** to save your selection.

3) Contrast: Adjusts the contrast of the LCD display

Select **Contrast** and press **ENTER** button, the screen will display the interface as shown below:



Press [↑] to increase contrast or press [↓] to decrease contrast according to your preference.

3. Contents

- 1) VXSCAN S1 Main Unit
- 2) User's Guide