

Workshop Equipment

Number: ATE-14-02

Subject: VAS 6356 Test Instruments Box – Software
Configuration – ODIS Service Only

Date: Jan. 28, 2014

Supersedes ATE-13-12 due to complete revision.

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1.0 – Introduction

Use the procedures in the following sections to initially configure a new VAS 6356 Test Instruments box for use with a VAS diagnostic laptop or tablet with **ODIS Service ONLY**.

The ODIS Service diagnostic software installation routine **automatically installs all VAS 6356 software and USB driver files. VAS 6356 software installation via CD/DVD media is not necessary.**

The configuration procedures extract the pre-installed USB driver and network adapter files and configures a network connection. Successful configuration is confirmed with a connection test.

This document covers initial VAS 6356 configuration on VAS diagnostic laptop and tablet devices with **Windows® XP** and **Windows 7** operating systems.

Notes:

- *Please read these instructions in their entirety before performing these procedures. **If you do not have previous experience loading software or do not understand these instructions, arrange to have a qualified person perform the procedures.***
- *The following procedures must be performed by **qualified personnel that are familiar with both Windows XP and Windows 7 resources & navigation.***
- *The latest version of ODIS Service must be present or installed **before** proceeding with these instructions.*
- *Communication between the VAS 6356 and laptop/tablet is via a USB/network connection.*
- *The following procedures must be performed on **each** laptop/tablet (with ODIS Service) where the VAS 6356 will be connected.*
- *If assistance with specific instruction steps is needed, contact VWGoA DTSS: 1-888-896-1298.*

2.1 – Preparation

Laptop & tablet Prerequisites:

- Device plugged in to power adapter (tablet in base station), booted to Windows desktop.
- Note installed Windows version during startup, **Windows XP** or **Windows 7**.
- **The latest version of ODIS Service is installed.**
- **VAS-PC not installed or previously uninstalled.**

VAS 6356 Prerequisites:

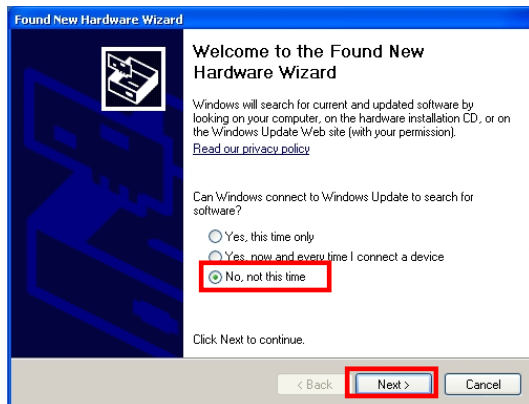
Physical set up completed as per initial unpacking and setup instructions, i.e.:

- plugged in to power adapter, blue LEDs on steady
- all test and measurement leads connected
- USB cable connected.

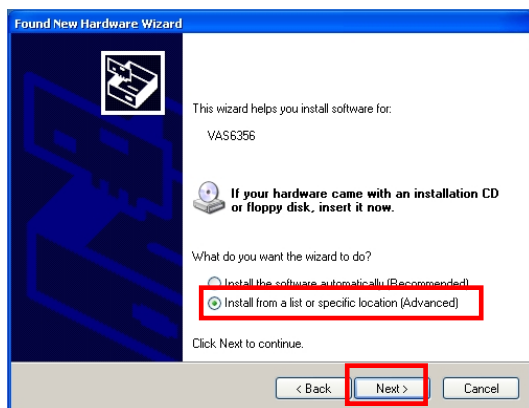
2.2 – Procedure – **Windows XP**

2.2.1 – Extract USB Drivers

1. Connect VAS 6356 USB cable to any available USB port on the laptop/tablet. A **Found New Hardware Wizard** window will appear.
2. Select **No, not this time**, then click **Next**:

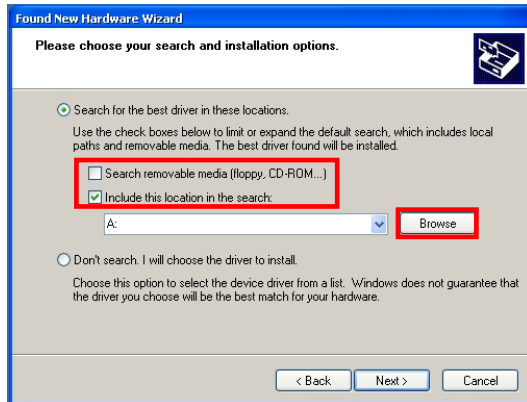


3. Select **Install from a list or specific location (Advanced)**, then click **Next**:

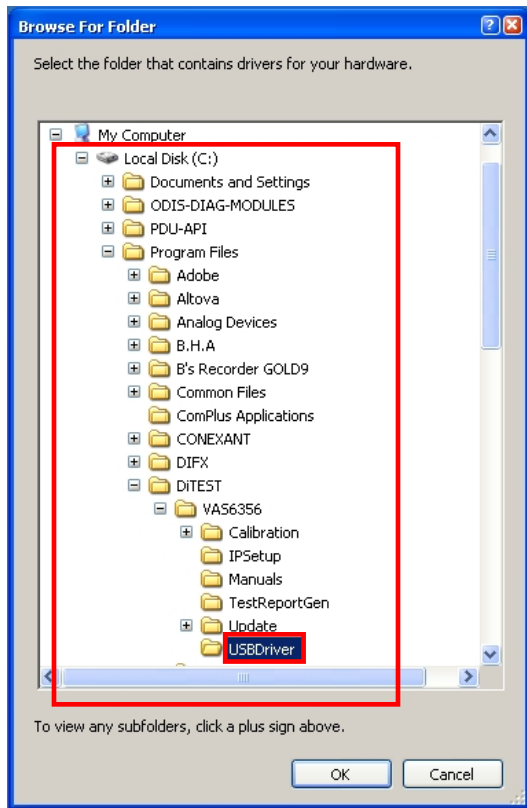




4. Deselect **Search removable media...**, select **Include this location in the search**, then click **Browse**:



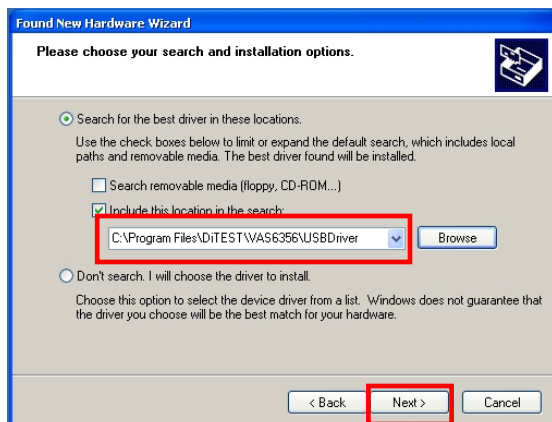
5. Expand (+) directory path **Local Disk C: \ Program Files \ DiTEST \ VAS6356** and highlight the **USBDriver** folder (as illustrated), then click **OK**:



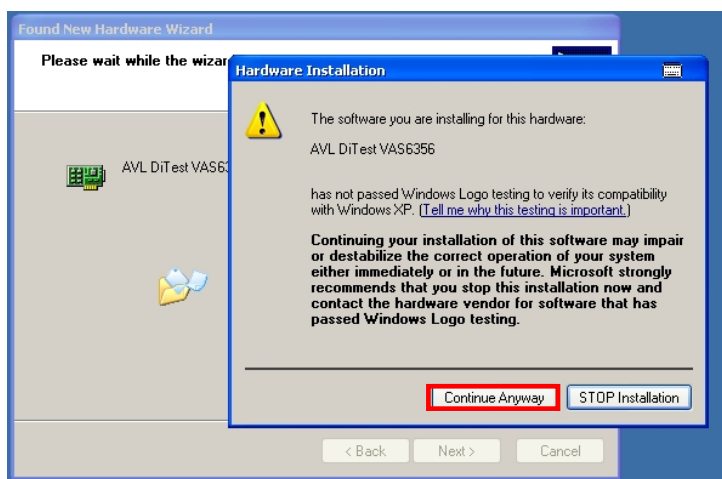
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6. Confirm the path specified in Step 5 appears, then click **Next**:



7. Select **Continue Anyway**, to retrieve the files:

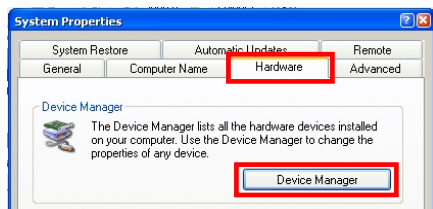


8. Click **Finish**:

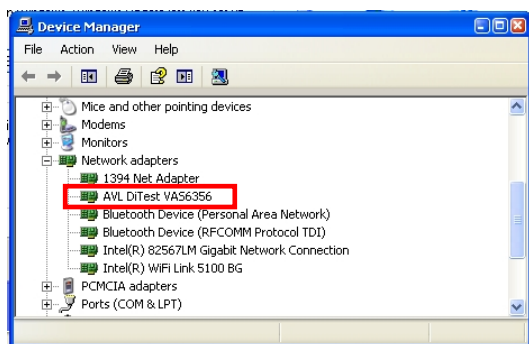


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9. From the Windows desktop > **Start** > **(Settings)** > **Control Panel** > **System**.
10. Select the **Hardware** tab, then click on **Device Manager**:



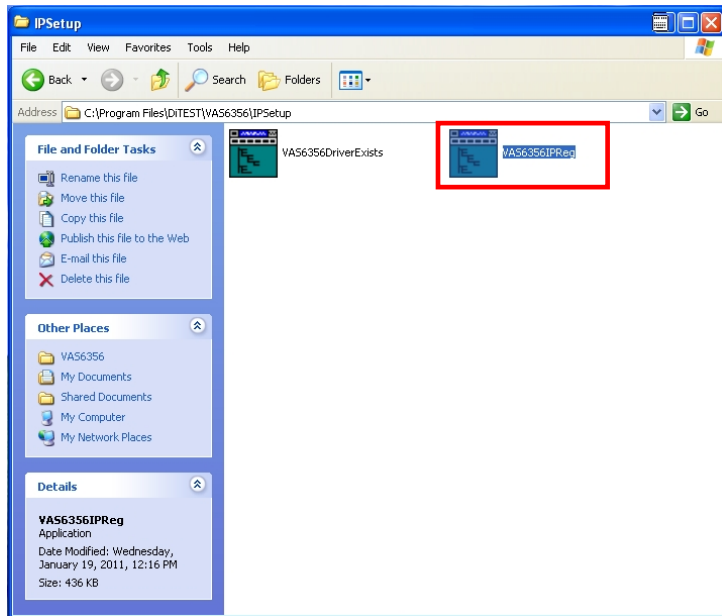
11. Expand (+) the **Network adapters** directory and confirm **AVL DiTEST VAS 6356** is listed:



12. Close the **Control Panel** window.

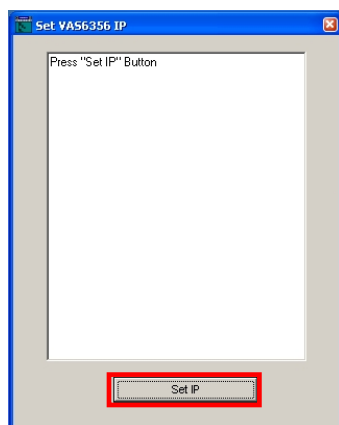
2.2.2 – Configure Network Connection

1. Go to **My Computer** > **Local Disk [C:]** > **Program Files** > **DiTEST** > **VAS 6356** > **IPSetup**
2. Click on **VAS6356IPReg**:



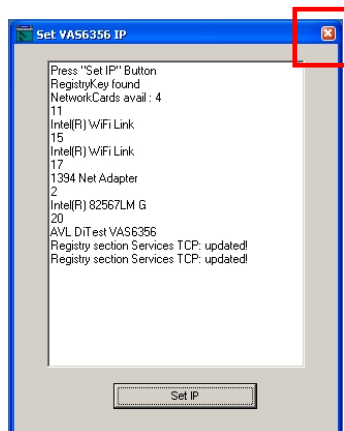
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3. Click **Set IP**:

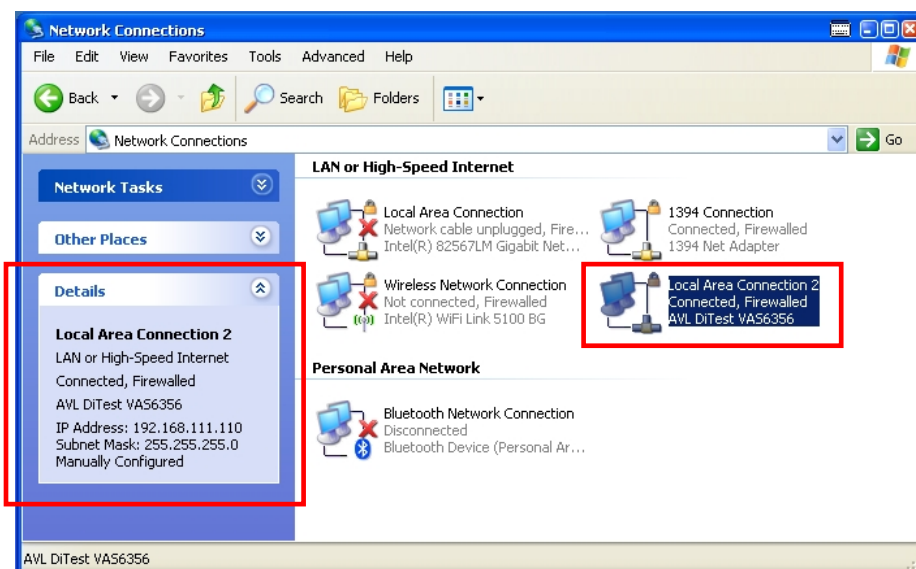


A very brief configuration takes place.

4. Close (X) the **Set VAS6356 IP** Window:



5. **Briefly disconnect, and then reconnect** the VAS 6356 USB cable from the laptop/tablet USB port.
6. Wait a moment, and then from the Windows desktop go to **Start > (Settings) > Network Connections**
7. Confirm the **Local Area Connection** for **AVL DiTEST VAS6356** is **present** and **connected**. (If it is not present and connected, repeat Steps 3 - 5). Highlight the connection and confirm the assigned IP address is **192.168.111.110** (as illustrated):



8. Close the Network Connections Window.

Test the connection. Ref. Section 2.4 – [Page 9](#)

2.3 – Procedure – **Windows 7**

2.3.1 – Extract USB Drivers

1. Connect VAS 6356 USB cable to any available USB port on the laptop/tablet.

Windows will detect and install the necessary drivers automatically. No user intervention is necessary.

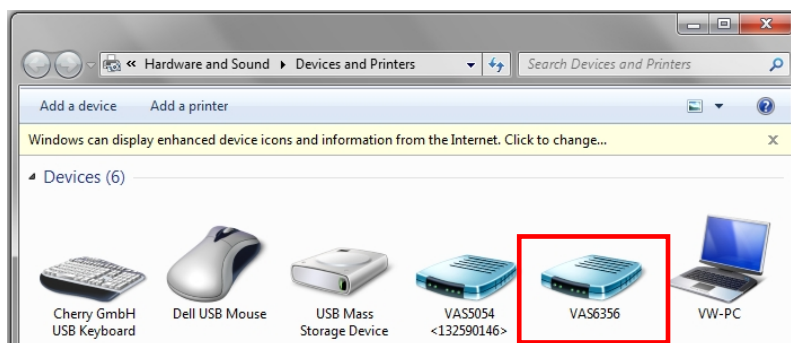
2. From the desktop, click the **Windows** (Start) button:



3. Select **Devices and Printers**:

Devices and Printers

4. Verify that **VAS6356** appears in the **Devices ()** section:



Note:

VAS6356 appears in **Devices and Printers** only when connected via the USB cable.

5. Close the **Devices and Printers** window.

6. From the Windows desktop, click the **Windows** (Start) button:

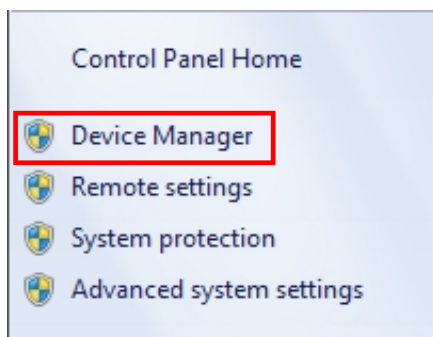


7. Select **Control Panel**:

Control Panel

8. From the Control Panel menu, select **System** (scroll down if necessary).

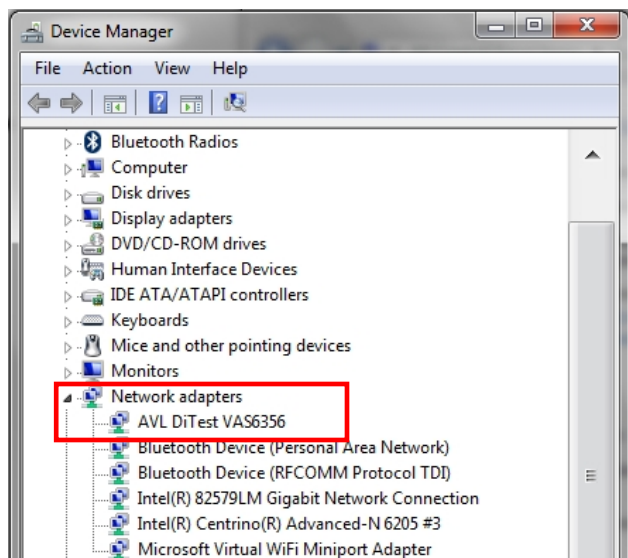
9. From the submenu, select **Device Manager**:



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10. Expand (+) the **Network adapters** directory and confirm that **AVL DiTest VAS6356** is listed:



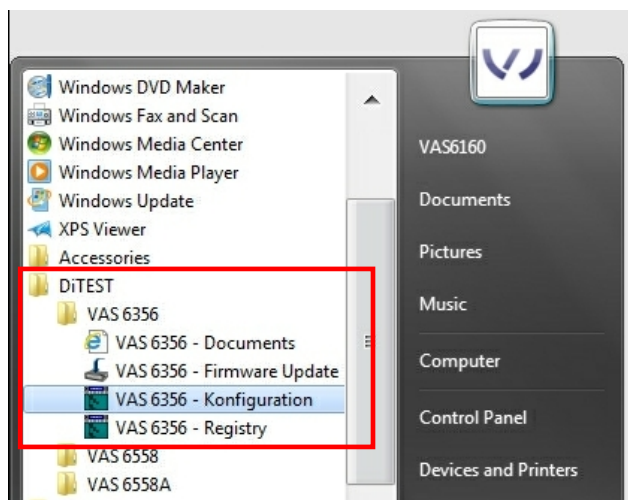
11. Close the **Device Manager** and **Control Panel** Windows

2.3.2 – Configure Network Connection

1. From the Windows desktop, click the **Windows** (Start) button:



2. Go to **All Programs > DiTest > VAS 6356**.
3. **Right click** (select) **VAS 6356 – Konfiguration**:



4. From the selection dropdown menu, select **Run as Administrator**.

A very brief IP configuration routine runs and the window closes automatically.

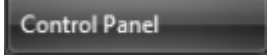
5. **Briefly disconnect, and then reconnect** the VAS 6356 USB cable from the laptop/tablet USB port.

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6. Wait a moment, and then click the **Windows** (Start) button:



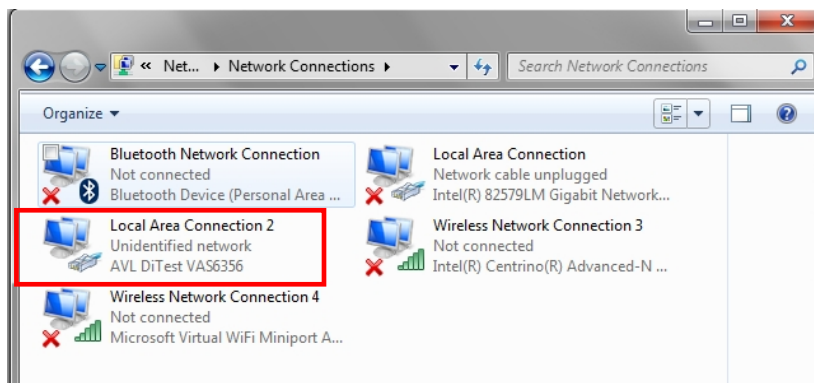
7. Select **Control Panel**:



8. From the Control Panel menu, select **Network and Sharing Center** (scroll down if necessary).

9. From the submenu, select **Change Adapter Settings**.

10. Confirm that the **Local Area Connection 2** for **AVL DiTEST VAS6356** is present and is indicated as **connected** as an **unidentified network**. (If it is not present and connected, repeat Steps 1 - 3):



11. Close the **Network and Sharing** window

Test the connection. Ref. Section 2.4 (below).

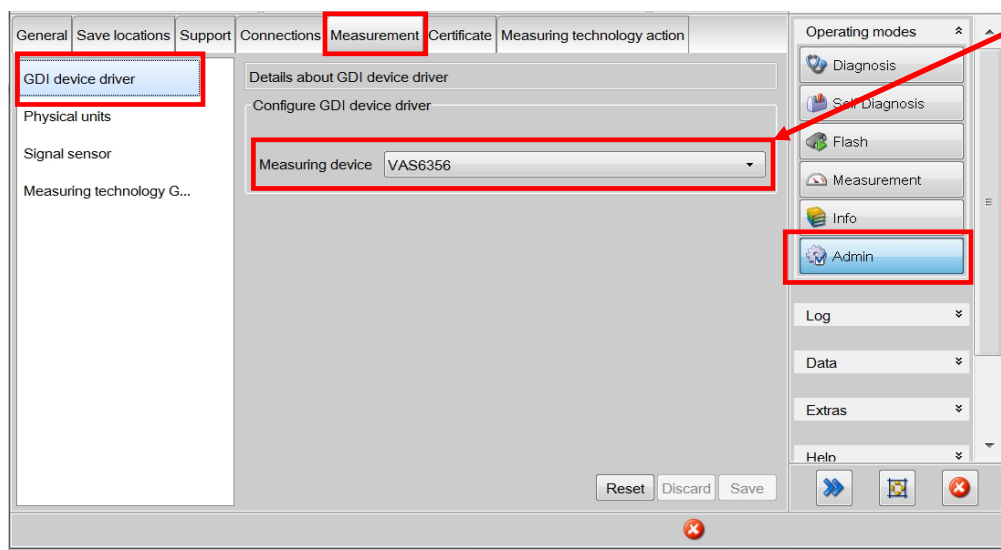
2.4 – Connection Test

1. From the Windows desktop, click the **DiagStarter** icon and select **ODIS Service**.

2. Select the **Admin** operating mode.

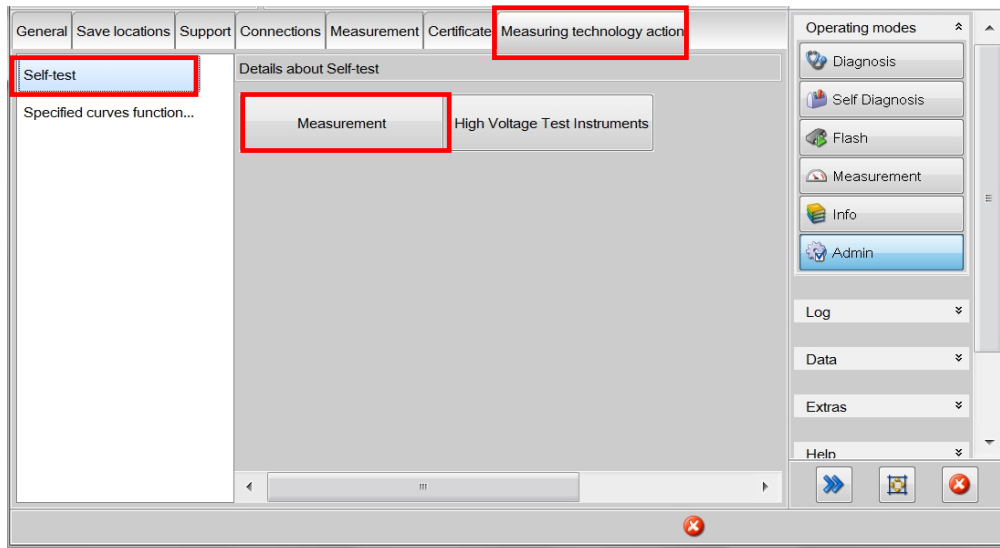
3. Select the **Measurement** tab.

4. In the **GDI device driver** category, confirm **VAS6356** appears in the **Measuring device selection**:

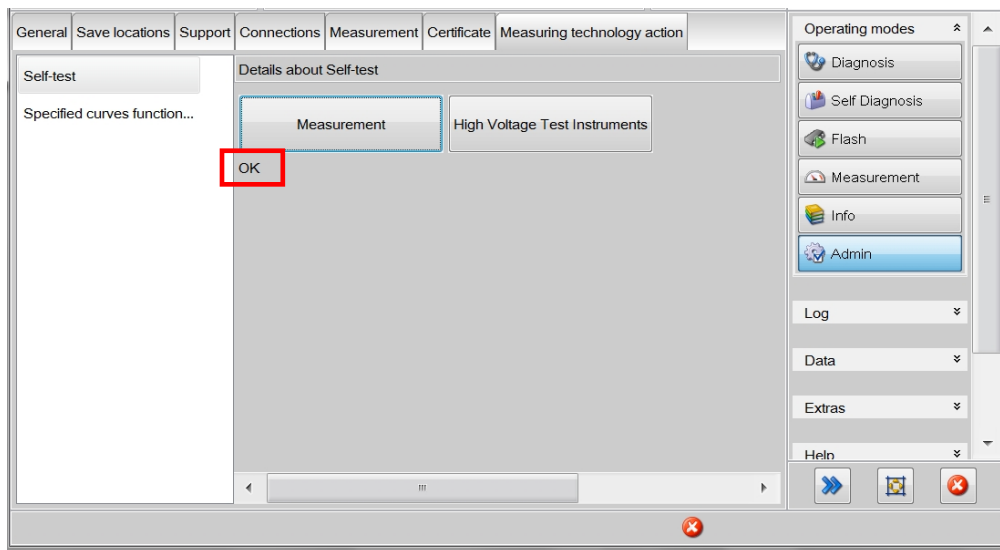




5. Select the **Measuring technology** tab.
6. Click the **Self-test** category.
7. Click the **Measurement** button:



A successful connection is indicated by the result **OK**:



The VAS 6356 is ready for use with the laptop/tablet.