DiaScan S+™ Technical Notes

The following procedure describes how to install the DiaScan S+ machine:

1. For the installation steps please refer to the DiaScan S+ Installation document.
2. Calib XL – The new calibration tool for DiaScan S+:
   - Calib XL requires the camera to be recognized as com 1-4, therefore you must change the com port in case it is recognized as com 5 or above.
   - Calib XL procedure: (all steps should be made through one session)
     1. Change screen resolution to 1280*1024 (Not all laptops have this resolution option – for example, HP widescreen – in that case you should calibrate the machine on desktop computer and then install and copy the calibration files to the laptop).
     2. Activate SlowMotor.reg file for S4+ machines (must be activated after Engine.reg since they share the same key).
     3. Resize (incase ROI changed).
     4. Light Calibration.
     5. Lens-Stage.
     6. Stretch (there are new stones numbers for some of the machines).
     Use the following table:

     | Machine | Stretch Stones |
     |---------|----------------|
     | S4+     | 1,2,3          |
     | S7+     | 3,6,8          |
     | S9+     | 4,8,11         |
     | S15+    | 6,10,14        |

    7. Fix Plate – Table calibration.
    8. Change back the screen resolution to 1024*768.

3. Support issues:
   - The machine works for computer with USB2 only (not the old USB1)!!! See the Device Manager to tell you what kind of USB is installed.
   - DiaExpert / DiaMention / DiaScan … or other Machine should be disconnected when working with the DiaScan S+.
   - Device Manager – The picture below shows the devices which should be added after the installation.
   - In case of Crashes check that the Advisor process is dead in the Task Manager, otherwise kill it.
   - Advisor can now work on COM ports 1-16 (previously 1-4 only).
   - Workaround for communication problems:
     1. Disconnect the USB plug + electricity
     2. Restart computer
     3. Reconnect electricity.
     4. Reconnect the USB plug.