

Please Read This First

Getting Started with Schick 33





Getting Started

Congratulations on the purchase of your Schick 33 system.

Schick 33 combines high-resolution image acquisition with dynamic, user-controlled image sharpening, and an easy-to-use design that includes in-office serviceable cables.

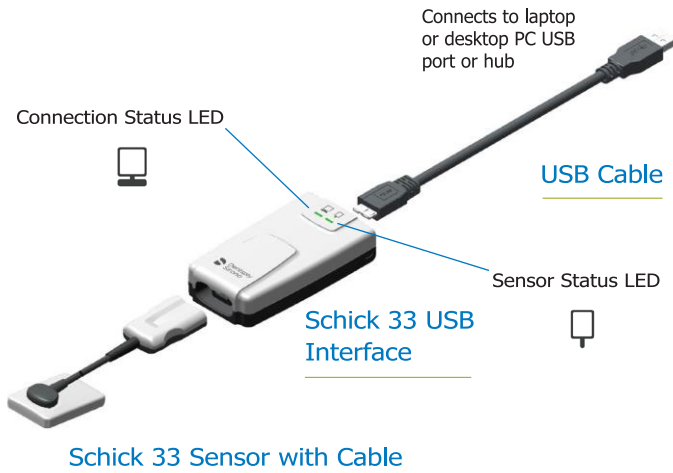
The Schick 33 system acquires intraoral X-ray images and transmits them by USB connection to desktop or laptop PCs. There are two main devices in the system:

- » Schick 33 sensor, which acquires the intraoral X-ray images
- » Schick 33 USB Interface, which sends the images by USB cable to the PC. Images can be viewed, enhanced, saved, and printed. The Schick 33 USB Interface communicates with the PC via a USB 3.0 connection, utilizing the higher transfer speed provided by USB 3.0.

The illustration on the next page shows the location of visual indicators and cable connections to your Schick 33 system.

To install the system, please follow the steps starting on page 4 of this guide. For the latest updates, please check our Schick Brand Software and Drivers web page at <http://dsgo.to/schick>.

Schick 33 at a Glance



Connections and LED Indicators

Installation

1. Prepare for Installation

- » Exit Sidexis 4 v4.4 (or higher).
- » Verify that the Schick 33 USB Interface is NOT connected to the PC. If connected, disconnect the USB Interface by unplugging the USB cable.

2. Install Intraoral Sensor Software

- » Please download Intraoral Sensor Software. After downloading the ISO file, right-click on it and select "Mount" from the menu. Double-click on Autorun.exe.
- » Follow the on-screen instructions until installation is complete.

3. Verify Sidexis Server Connection

- » The Home tab of the Intraoral Sensor Configuration App will display when installation is complete. Type in the Sidexis server name or IP address. When the connection is successful, the text box will be outlined in green and include a green checkmark. If the text box is outlined in red, please make sure you have entered the server name or IP address correctly.
- » After entering the Sidexis server name correctly, click the Save Configuration button to retain the connection setting.

Installation (continued)

4. **Connect the Schick 33 Sensor and USB Interface**
 - » Connect the Schick 33 Sensor cable to the USB Interface.
 - » Connect the USB cable to the USB Interface.
 - » Click the Sensors tab of the Intraoral Sensor Configuration App.
 - » Click on the device and make sure that the hardware versions are up-to-date.
 - » Close the configuration app.
 - » If the setup wizard is open, click Quit to exit it.
 - » If you were prompted previously to restart your computer, please do so.

5. **Start Imaging Program and Take Sample Exposures**
 - » Re-connect any other USB Module(s) that were disconnected at the start of these instructions.
 - » When ready, start Sidexis 4 v4.4 (or higher) and take several sample exposures to verify image quality.

6. **Repeat the Steps in These Instructions on Every PC Where Images Will Be Taken**

LED Indications

Connection Status LED Indications

USB Module	Indication	Description
Not connected	OFF	Cable is not connected. Check cable connection to PC.
Connected	AMBER	USB Interface is connected and powered but no connection to imaging software is detected.
Connected	GREEN	USB Interface is connected and powered and connection to imaging software is detected.
Connected	GREEN "breathing"	Ready for acquisition.
Connected	GREEN "pulsing"	Sidexis server not configured (from Intraoral Sensor Configuration App).

LED Indications (continued)

Sensor Status LED Indications



Sensor	Indication	Description
Not connected	OFF	Sensor is not connected. Connect sensor and start Sidexis 4 v4.4 (or higher).
Connected	AMBER	Error condition, such as incompatible sensor.
Connected	GREEN	Schick 33 Sensor and USB Interface are connected. Sidexis 4 is configured properly and has detected the USB Module. Start Sidexis 4 v4.4 (or higher).
Connected	GREEN "flashing"	USB Interface is transferring image from sensor to PC. LED flashes for duration of the image transfer.

Diagnostic Task Choices

Schick 33 Sensors and supporting software enable the clinician to optimize image presentation to a level appropriate for the treatment being performed. Five clinical tasks are available: General Dentistry, Endodontic, Periodontic and Restorative.

How They Work

The different tasks optimize the contrast and brightness of the image to improve visibility of the anatomical structures important for that clinical task. These settings are applied at display time and do not affect the original image data. Clinical tasks can be changed for any Schick 33 Sensor image, from one task to another, and back at will.

Where to Find Them

To choose or change a preset clinical task that will apply to images taken with Schick 33 sensors, please do the following:

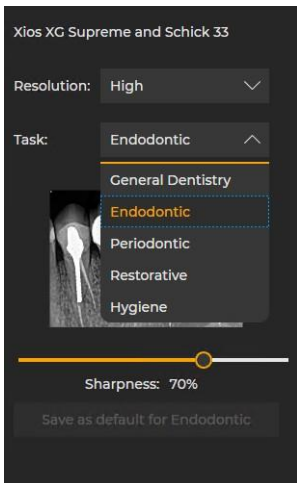
- » Start Sidexis 4 v4.4. Open the menu on the DS logo and enter Global Tools.
- » In the Exposure section click on Intraoral Enhancements.
- » Select a clinical task from the menu.
- » Click the Close button to exit Global Tools.

To choose a different clinical task after the image was taken and is displayed in the Sidexis 4 v4.4 Light box, please do the following:

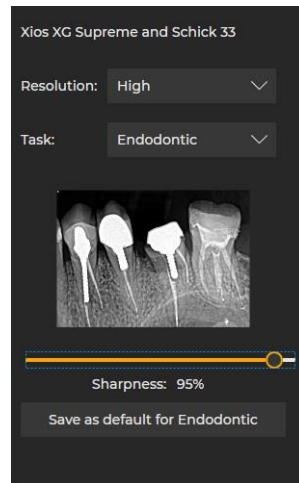
- » Click on the Tools docking window
- » Click on Intraoral Enhancements and select a Task that provides the appropriate degree of enhancement.

Diagnostic Task Choices (continued)

In addition to contrast optimization, the visibility of some anatomical structures benefit from additional image sharpening. A slider is available to dynamically change the level of image sharpness in real time after acquisition. In addition, the slider can be used to change the initial sharpening level for each clinical task using the Save As Default button.



Selecting Diagnostic Tasks



Changing the Default Sharpness

For More Information

Please refer to the Schick 33 operating instructions on our support site.



Safety and Compliance

NOTE: Please refer to the User Guide for the latest information.

Check Schick Sensor, USB Interface, and USB Cable before Using Them

Before each usage, check the outer surface of the Sensor and cable, the USB Interface, and the USB cable for any signs of physical damage or defect. Sensor and USB Interface surfaces should have a smooth finish, with no evidence of chipping or damage and the cables should appear undamaged. If visual defects are detected, discontinue use and contact your local distributor of Dentsply Sirona products for further instructions.

Do Not Touch Exposed Connectors on Non-Medical Equipment and the Patient at the Same Time

When the Schick 33 Sensor and USB Interface are in use, avoid touching exposed connectors on non-medical electrical equipment and the patient at the same time. The human body is capable of conducting electrical current and may cause a shock hazard to patients if appropriate safety practices are not observed.

Follow All Instructions to Ensure Cable Replacement Procedures are Performed Correctly

Follow all instructions to ensure the successful replacement of your Schick 33 cables. When performing the cable replacement procedure, it is especially important to tighten the screws that attach the cable to the Sensor by turning them at least one-quarter revolution clockwise after initial resistance or until they cannot be turned any further. An improperly attached cable may cause an intermittent connection and prevent the Sensor from operating effectively. Refer to the Schick 33 User Guide for complete instructions.

Use Only USB Cables Approved for the Schick 33 System

For normal operation of your Schick 33 system and to ensure compliance with regulatory EMC and EMI standards, use only the USB cables described and specified for your system. Refer to the User Guide for details.

Do Not Connect Items that are Not Part of the System

Only items specified for use with the Schick 33 Sensor and USB Interface are to be connected to it. The device should not be used adjacent to other equipment that is not part of the system. If, however, use with adjacent equipment is necessary, normal operation should be observed and verified in that configuration.

RF Interference Considerations

Although the Schick 33 Sensor and USB Interface are designed to provide a reasonable degree of protection from electromagnetic interference, according to IEC International regulations, they must be installed at an adequate distance from electricity transformer rooms, static continuity units, two-way amateur radios and cellular phones. To ensure proper operation, the latter (meaning, electricity transformer rooms, static continuity units, two-way amateur radios and cellular phones) can be used only at a minimum distance of 5 feet (1.5m) from any part of the Schick Sensor and USB Interface.

Safety and Compliance (continued)

Any instrumentation or equipment for professional use located near the Schick 33 Sensor and USB Interface must conform to Electromagnetic Compatibility regulations, to which the EMC tables in the Appendix of the User Guide serve as guidance. Non-conforming equipment, with known poor immunity to electromagnetic fields, may not operate properly unless they are installed at a distance of at least 10 feet (3m) and supplied by a dedicated electrical line.

Installers to Ensure that Schick 33 Sensor and USB Interface Operate Optimally

Installers must ensure that the Schick 33 Sensor and USB Interface provide the user with the optimal use of the equipment. This includes, but is not limited to, ensuring that the system operates as described in this document. To avoid unintentional contact with the USB Interface by the patient, place the USB Interface in a location where accidental contact is prevented. Installers must also ensure that the system presents no physical obstacles or hazards during operation and when not in use. To verify this requirement, installers shall confirm that the Schick 33 Sensor and USB Interface are installed as described in the User Guide and shall perform the appropriate procedures therein.

Only Dentists or Authorized Designees Are Permitted to Operate the System

To ensure the correct use of the Schick 33 Sensor and USB Interface in a clinical environment, for purposes that correspond to its intended design and application, only dentists, or their designees, are authorized to operate the system.

Ensure Proper System and PC Workstation Installation and Operation

The Schick 33 Sensor and USB Interface have been determined to be in accordance with international safety standards and are deemed suitable for use within the patient area, which extends from the patient for a distance of 5 ft (1.5m). To comply with these standards, do not operate non-medical equipment (such as a PC workstation) inside the patient area. Outside the patient area, the presence of approved non-medical grade equipment and Listed / Approved / IEC 60950-1 certified Information Technology Equipment (ITE) computer equipment is acceptable.

The host computer (PC workstation) should be CE-marked and conform with the current Low Voltage and EMC Directive. Also, to help ensure optimal performance, ensure that all software programs residing on the workstation are virus-free and have been adequately tested so they will not impact imaging applications after installation.

Operate the Schick 33 Sensor and USB Interface as Directed

Always use the Schick 33 Sensor and USB Interface in accordance with the directions and recommendations contained in the Schick 33 User Guide. Do not attempt to modify the Schick 33 Sensor and USB Interface or use it in system configurations not specified in the User Guide.

Safety and Compliance (continued)

Protect Sensor from Potential ESD Damage

Like other electronic devices, your Schick 33 Sensor is susceptible to electrostatic discharge (ESD), particularly when the device is used in or around carpeted areas or low-humidity environments. During cable replacement, when Sensor contacts are exposed, it is especially important to protect the device from potential ESD damage. Touching a metal surface prior to replacing the cable will reduce the risk of damaging Sensor components by accidental static discharge. Using anti-static floor mats will also help eliminate static build-up in your office.

Apply Recommended Procedures for Cleaning

To help ensure proper hygiene and to protect against infectious disease, refer to the User Guide and observe all device cleaning and patient protection recommendations specified there.

Although water-resistant, the Sensor should never be soaked or submerged in disinfecting solution during any cleaning procedure. Failure to comply with this precaution may cause liquid to enter the Sensor and can prevent it from operating properly.

Always Use Hygienic Covers with Schick Sensors

Use covers every time the Sensor is used. Never use a damaged cover. Always dispose of the cover after every patient. Hygienic covers are single-use items and must not be reused under any circumstance. Reuse of single-use items/instruments may cause them to become contaminated, compromise their intended function, and result in patient and user infection, injury and/or illness.

Product Manuals from Dentsply Sirona

The contents of document are subject to change without prior notice. For the latest version of this guide and other information, please visit our website at www.dentsplysironasupport.com.



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