



Installation Requirements & Guidelines

Preinstallation Information

Minimum Computer Requirements / Recommendations

The Computer System (computer, monitor, etc.) and any related peripheral or other equipment, supplied by the user, or a third party, must comply with the requirements for "Information Technology Equipment" (ITE) as specified in IEC 60950 (EN 60950).

CPU Speed:	600 MHz Pentium III, or Athlon
Operating System:	Windows 2000 Service Pack 4 or later Windows XP Service Pack 1a w/update KB 822603 or later
RAM:	256 MB
Hard Drive:	10 GB
CD ROM Drive:	24X
Monitor (1024 x 786 Resolution):	SVGA 17"
Video Display Adapter:	16 MB RAM
Keyboard, Mouse:	Standard
Backup Device:	Recommended for daily saving
External Surge Protector:	Recommended
Power supply backup:	Recommended
USB Port:	USB 1.1 or later



Electrical Requirements

Supply Voltage:	100 to 240V +/- 10%, 50/60 Hz
Supply Current:	1 A max.
Power Cord:	Standard North American line cord provided

Specifications

	ScanX	ScanX Intraoral
Dimensions:	D 15.4" x W 15" x H 24"	D 15.1" x W 15.0" x H 15.5"
Weight:	45 lbs.	43 lbs.

Environmental Conditions

Unit in Operation

Temperature:	50°F to 105°F (10°C to 40°C)
Humidity:	5% to 95% RH

Storage & Transport

Temperature:	-21°F to 130°F (-29°C to 54°C) (Non-condensing)
Humidity:	5% - 95% (Non-condensing)

Heat emission	<70W
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General Data

Laser Protection Class:	Class I Laser Product (21 CFR 1040.10) Class 1 Laser Product (IEC 60825-1)
Installation Category:	II
Pollution Degree:	2

Site Selection

The A/T ScanX may be located almost anywhere in the dental office. Follow these guidelines for optimum performance:

- Lighting conditions. You can set up the scanner in ordinary room light, however, direct sunlight must be avoided.
- Provide a stable, flat countertop large enough to hold the scanner, plus provide a working area.
- Locate the computer within 6 feet.
- Access to a standard grounded electric Mains AC outlet using the line cord provided.
(Power Cords are available for international Mains outlets).

Please note: The A/T ScanX Digital Imaging System is designed to be installed by your authorized Air Techniques full-service dental dealer. The dealer or user must provide Imaging Software authorized by Air Techniques and appropriate computer hardware. Air Techniques does not provide any software or hardware.

Installation

Hardware Setup and Connections

1. Select a location that meets the Site Selection guidelines.
2. Set up the computer and monitor according to the manufacturer's recommendations.
3. Connect system components as illustrated in **Figure 1** below and in accordance with specifications.
Connect the 24V Power Supply to the ScanX prior to plugging the line cord into the Mains outlet.
4. Turn ON the power to the monitor and computer.
5. Turn ON the power to the scanner by pressing the membrane switch on the front of the scanner.
The green light above the switch will illuminate.

Air Techniques Authorized Imaging Software, supplied by the dealer or other company, must be installed on the computer in order to operate the A/T ScanX.

During operation track indicator lights are green when the configuration has been loaded, indicating that PSP's can be fed. They turn red when PSP's are being scanned. Additional PSP's should not be fed until lights turn green again. If all four lights stay red an error condition exists. Contact your authorized dealer or Air Techniques.

