Step by step instructions on how to install and operate the new VistaScan 3.5.1 software.

If you purchased your computer through Quick Ceph Systems, this version will be installed and ready to use. Skip to Step 6. If you did not buy the computer from Quick Ceph Systems and would like to have the new version of the driver software (VistaScan 3.5.1), you can download it from the UMAX web site (www.umax.com).

Step 1

If you are ready to install the new scanner software, locate the installer icon "VistaScan Installer" and double click on it to start the install. If you have already installed this program, skip to Step 6.

Step 2

Once you have launched the installer program, you will be presented with the above installer window. Choose the desired language, then click on the "Install" button.

Steps 3 & 4

Next click on the "Continue" button in the "UMAX VistaScan" window. After that, choose "Accept" in the UMAX Software License Agreement window.

Step 5

Ⓐ Choose the drivers that are needed for the scanner.

Ⓑ Check the items in your installer window **EXACTLY** as we have checked them in the window to the right.

Ⓒ After you have selected the proper install items, make sure that the Install Location is your Macintosh HD.

Ⓓ Click on the install button. The program will install to your hard drive folder.

Ⓔ After the installation is complete, you should click the "Quit" button, then Restart your computer.

Step 6

Open your Hard Drive folder and locate the folder titled "UMAX VistaScan 3.5.1". Inside that folder there should be an icon named "UMAX VistaScan DA 3.5.1" Below is the program icon to launch the scanner program.

Double click on it to start.

UMAX Installer Menu

NEXT: After you have started the program, go to "Setting Up the Scanner Interface".

This diagram explains how to configure the VistaScan 3.5.1 software interface for scanning x-rays into your computer. Once these settings are selected, they will remain the same unless they are altered to scan other material.

Step 1   Lift up the hood of the scanner and place an x-ray face down with the profile facing to the upper left of the scanner. Follow the below set-up instructions.

Click on this to access the Preference set-up menu. This menu is for setting the scan file format and saving location.

Click the ruler to change the measurements to pixels. You will see the letters "px".

To access the settings menu, you need to be in the Advanced mode.

See next page for Preference set-up information.

Select these settings for optimal x-ray scans in QCIPro. QC2000 users should select 144dpi.

Change the scanning size by dragging these dashed lines.

Click to access Color Adjustment Tools menu
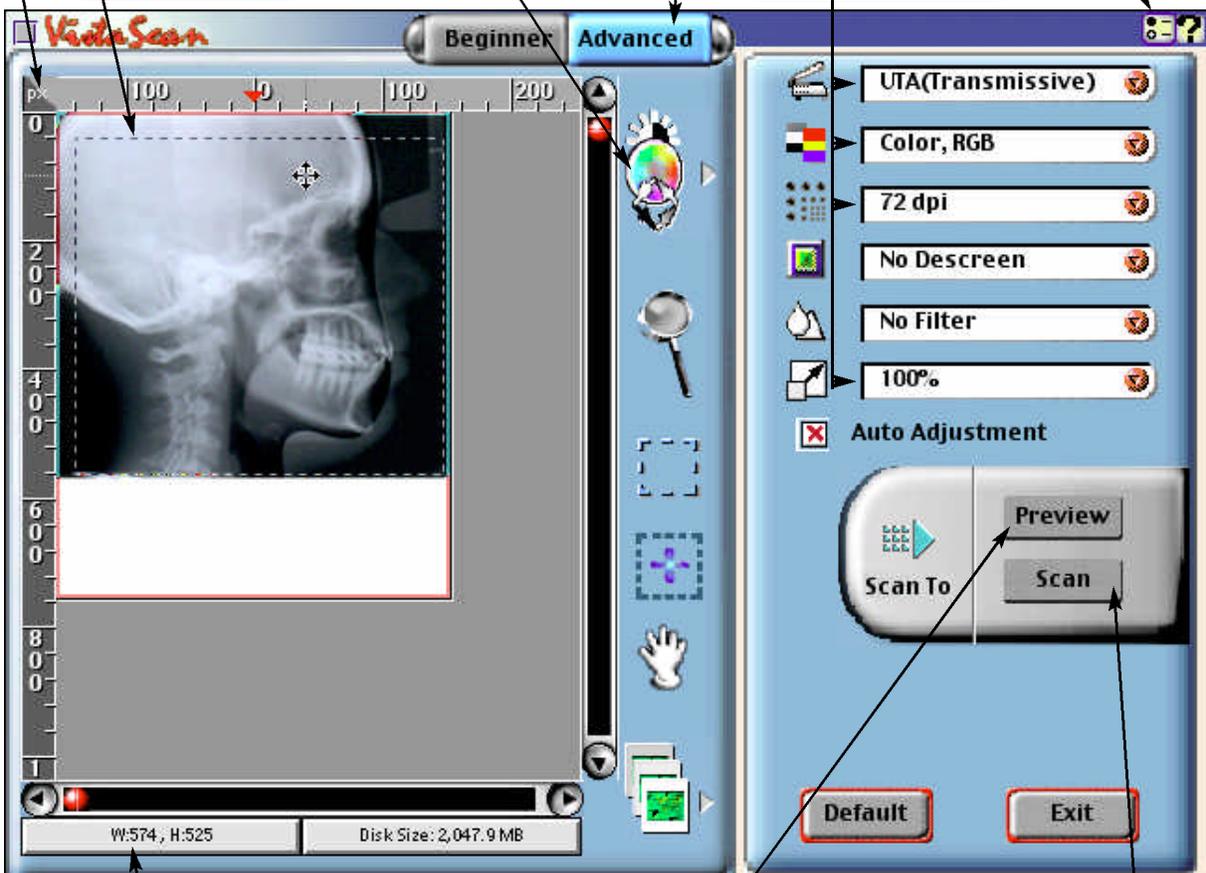
This box will show you the width and height of your marquee area. These numbers change when you drag or adjust the square marquee area.

NOTE: If these measurements are not showing, click the bar to change the display to W and H.

After you have adjusted your settings, click on the "Preview" button to view the image in the left hand pre-view window.

When you are ready to scan your image, click on the "Scan" button.

Marquee Settings for QCIPro

QCIPro requires a specific sized image in order to maintain calibration. The marquee area settings should be as follows:

72dpi 515 to 575 W	**144dpi** 1030 to 1150 W
470 to 525 H	940 to 1050 H
Ideal Setting: 520 x 520	**Ideal Setting:** 1040 x 1040

Marquee Settings for QC2000

QC2000 also requires a specific sized image in order to maintain calibration. The marquee area settings should be as follows:

144dpi 1200 -1250 W
1200 - 1250 H
Ideal Setting: 1200 x 1200

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Step 2 — Selecting the Format

To save the scanned file as a JPEG image, you must first access the Preference menu by clicking on the icon shown to the left, located in the upper right hand corner of the VistaScan window.

Scan Destination Tab

Preference Menu

Preference Menu Set-up

The image file format for both QCIPro and QC2000 should be set to JPEG. Use the pull down menu to change the format to "JPEG" in this area.

The setting button directs the scanner software to save scans to your computer. The best place to save your scans are on the desktop. You should create a folder on your desktop called "Scanned X-Rays" and then save each scan to that directory.

When you have selected the correct settings, click on "OK" to accept these settings.
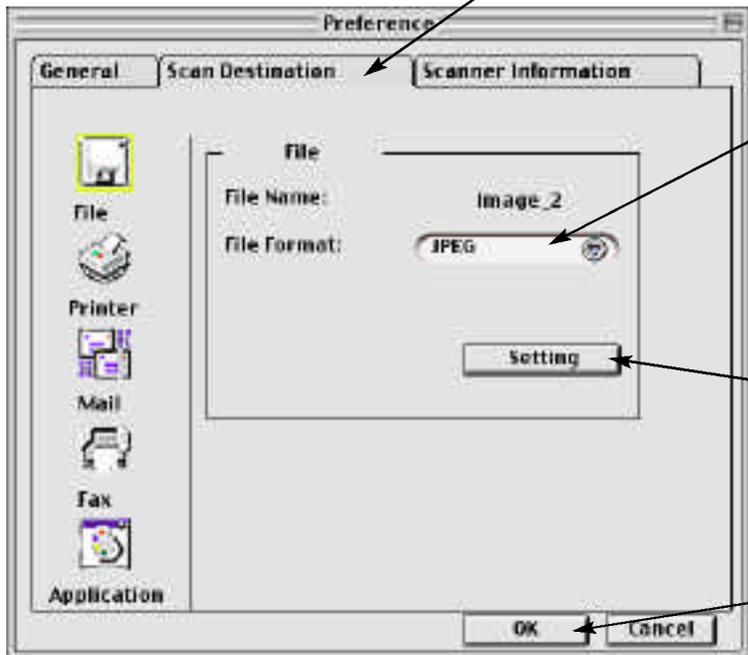
Step 3 — Adjusting the Image

Brightness and Contrast

Gamma Settings

Color Adjustment

Rotate Image*

If you need to rotate, adjust the gamma, or change other settings, click this "Adjustment" button to access the settings area.

To return to the other menu, click this button again.

* NOTE: The only time that you will need to rotate an x-ray image is when you scan a Panorex image. However, rotating images will change the image format to TIFF, which may cause problems when inputting to QCIPro. QC2000 users do not need to rotate images, as that function can be performed inside QC2000.

You should always preview the image before scanning. A sample image will appear in the left window of the VistaScan interface, which can be adjusted.

Note: You only need to preview once for each separate patient x-ray.

Adjustment Menu

This page explains how to set the Gamma settings to capture the 3 images that are needed for the x-ray enhancement capability of QCIPro and QC2000.

To access the gamma settings, click on the Color Adjustment / Adjustment Tools menu.

Then click on the Gamma Tab. It looks like a graph with a white line. This will allow you to access and adjust the gamma settings.

LIGHT SCAN Using your mouse, slide the small box toward the upper left to make the image lighter.

Click the "Scan" button. If you set the save preferences correctly, this scan will be saved as **"Image_1"** in the "Scanned X-Rays" folder.
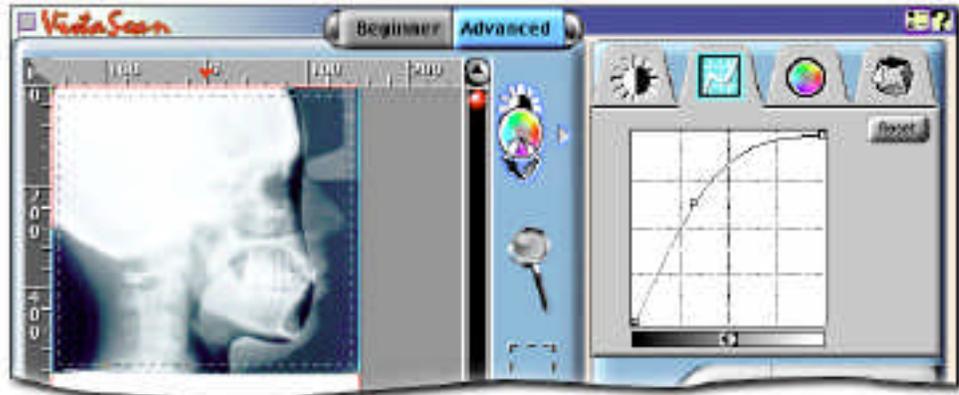
Gamma Light Settings

MEDIUM SCAN Click on the "Reset" button to put the line back in the middle to produce a medium/normal image.

Click the "Scan" button. This image will be saved as **"Image_2"** in the "Scanned X-Rays" folder.

Gamma Medium Settings

DARK SCAN Slide the small box toward the lower right to adjust for a dark image.

Click the "Scan" button. This image will be saved as **"Image_3"** in the "Scanned X-Rays" folder.

Gamma Dark Settings