

IQSMART SCANNERS - INSTALLATION, GUIDELINES AND RECOMMENDATIONS FOR USE

To ensure that you receive optimum performance and achieve consistent results from your iQsmart scanner, we recommend that you observe the following guidelines and principles when locating and operating your machine. Please read this information carefully before using your iQsmart scanner. If you are ever in doubt please call us for assistance and advice.

LOCATING & INSTALLING YOUR SCANNER

- Choose a location for your machine that is not subject to temperature extremes. In an air conditioned environment it is particularly important not to site your scanner in the vicinity of an air conditioning unit as moisture in the cooled air condensates on the mirrors inside the scanner, this results in cloudy or obscure/opaque scans after start up that will gradually improve as the scanner warms up. A similar problem can be experienced when the scanner is started first thing in the morning if night-time temperatures are very low.
- Avoid areas that are likely to generate static electricity, such as nylon carpets. Static that you pick up from such materials will be discharged when you touch the scanner. Scanners that absorb static electricity act as magnets for dust, fibres and hairs and any other air born particles leading to noisy scans that require a great deal of editing and cleaning up. If your machine seems to attract excessive dust, static could be the reason.
- Always have your scanner installed and trained by a CPS technician. All CPS installers are fully qualified, trained by Kodak and highly experienced scanner operators. CPS installation procedures guarantee that your installation and configuration will be to the correct specification and we will provide oXYgen application training, iQsmart operation and basic maintenance training - essential for the good health of your scanner.
- It is also very important that you understand how to run basic diagnostic checks and how to re-calibrate. Calibration is a procedure that you should conduct on a regular basis to ensure that your machine stays within specification. You will also need to re-calibrate if you make software changes or move your scanner. These techniques are covered as part of the CPS installation routine. Additional training is available on request.

MOVING YOUR SCANNER AND LOCKING/UNLOCKING

- If you need to move your scanner it is very important that the scanner is 'locked' correctly prior to being moved. To do this you should turn the scanner on and then hold down the status button for 30 seconds, with the lid closed, until the carriage mechanism moves to the far right of the scanner into the locking position (the status button is the one just beneath the on/off button). Then turn the 'locking' screw to the 'lock' position using a screwdriver (with the lid open you will find the locking screw in the top right-hand corner of the base). If the scanner is locked without moving the carriage to the correct position first, the CCD head and/or carriage is likely to be damaged and the CCD head will need to be re-aligned or replaced if damaged.
- To unlock your scanner simply turn the locking screw to the 'unlock' position.
- Please retain all original packing materials so that your scanner can be re-packed and transported safely.
- Once you have moved your scanner to its new location it is wise to run a diagnostics check, to make sure that there is no damage to any hardware component, and then re-calibrate.

PLEASE NOTE: never attempt to use your scanner while the scanner is locked, always check to make sure that it is in the unlocked position prior to use, using a scanner while locked will damage internal components.

WORKSTATION RECOMMENDATIONS AND CONNECTION

- iQsmart scanners and oXYgen software only operate with the following Macintosh computers: G4, G5, MacPro and Intel versions of these computers. Mac Mini, iMac and all other variants are not supported and you should not attempt to use any of these products with an iQsmart scanner. Please refer to the iQsmart Configurator for further information.
- Even though iQsmart scanners have two FireWire ports, you should never connect two computers, or any other FireWire device, in a chain, as this is not supported and electrical damage could result as a consequence.
- If you want to work in a PC environment, certain PC workstations are supported - please contact CPS for further details.
- The scanning speed of your scanner will in part be dependent upon the speed of the host computer. As scanned files are assembled on the scanning workstation, the chip speed of the host computer will dictate how quickly scanned data is processed and stored. It is therefore always advisable to use the most powerful computer available, with ample memory (at least 4 Gigs of RAM), to maintain maximum productivity and efficiency.

OXYGEN SOFTWARE & MACINTOSH OPERATING SYSTEMS

- It is always preferable to connect your iQsmart to a dedicated workstation with minimal software installed other than the Macintosh Operating System. oXYgen Scan Software will operate most efficiently in a clean environment without the danger of other software items causing interference.
- oXYgen Scan Software will **only** operate correctly with an original Macintosh Operating System install or an upgrade installed from original DVDs (or a full Combo upgrade downloaded from the Apple website).
- You should **never** upgrade your Macintosh OS software without contacting CPS first for advice.
- You should **never** be tempted to download Macintosh OS intermediate upgrades over the internet as this will corrupt your oXYgen Scan Software installation. Intermediate Mac OS upgrades only overwrite some of the files of the previously installed Mac OS software and leave other files untouched. oXYgen is unable to operate with these mixed files and you will experience crashes, unexplained banding on scans and other intermittent faults. To correct this problem you will need to erase your Mac hard disc and load all software again, create profiles and then re-calibrate the scanner.

Please refer to the iQsmart Configurator for supported oXYgen/Mac OS software combinations and overall solution compatibility.

NETWORKS

- Your iQsmart scanner should have a dedicated connection to your host scanning workstation. It is not suitable for sharing over a network or scanning over a network.

Scanned files are assembled on the scanning workstation, so a clear data connection is needed to achieve top quality scans. Other data moving around a network will interrupt or interfere with the transmission of scanned data causing corrupt files and/or extended scanning times. This is exacerbated with large scanned file requirements.

Once you have completed the scanning operation, you can connect the scanning workstation to a network and transfer the scanned files to other computers or storage locations via a network.

MAINTENANCE

- If you have your scanner installed by CPS we will explain how to conduct basic maintenance and cleaning procedures. Cleaning the base glass and transparency hood glass is fairly straightforward but care should be exercised so that you avoid disturbing any internal scanner component.
- We would always recommend that you have a CPS Service Contract (details on request) or have your scanner serviced by a CPS engineer. We provide Service Contracts that include Preventative Maintenance to ensure that your machine is kept in peak working condition.
- We also provide Standard and Oil Mounting maintenance kits that include a selection of the following items: transparency cleaner, anti-static glass cleaner, anti-static brush, repro wipes, compressed air canister, special non marking tape (two sizes available), anti-newton ring oil and mounting gel.

If you would like any further help or advice please call us on 01242 285100.

You can also visit the CPS website at – www.cpsnet.co.uk.