

Applying a Sheath (Intraoral Camera)

Although OSHA standards state that a camera can be disinfected with the solution of your choice, patients and doctors alike prefer the use of sheaths for all asepsis concerns.

- A. Align the camera with the light facing toward the paper on the sheath. The camera slides between the bottom of the sheath and the white tab.
- B. Slide the camera all the way to the end of the sheath until it releases from the wrapper. This will ensure a good tight fit.
- C. Next peel away the paper from the top to ensure that no wrinkles are created in the process. If a wrinkle does occur simply pull down on the sheath to stretch around the lens.

Note: *If you chose to forgo the sheath and disinfect between patients – DO NOT USE SOLUTIONS CONTAINING IODINE. This will stain the camera and is not covered by your warranty.*

Installing your ImageMaster USB system

You should have received a box containing the ImageMaster USB hand-piece, hand-piece holder, USB cable and hand-piece sheaths.

Installing your ImageMaster USB camera is simple. With Windows-7, Vista Windows XP (**Note:** XP requires SP3 or later), just plug the ImageMaster cable into the hand-piece and then in a USB 2.0 port on the system. The system will find a new device and automatically install the required software. After a bit the installation will say the “device is ready for use”. Depending on the dental practice management or image capture software you are using they may require some configuration.

Product Specifications

| | |
|------------------------------|--|
| Equipment Model | ImageMaster USB |
| Width & height of Hand-piece | 24.5 mm (1.00 inches) |
| Length of Hand-piece | 230 mm (9.00 inches) |
| Resolving Power | 200 LP/mm |
| Angle of View | 80° |
| Direction of View | 90° to hand-piece center |
| Focal Range | 1mm to infinity |
| Sensor | 1/3” CMOS, High-resolution color (752x480) |
| Power | USB port (< 100ma standby, <500ma operational) |
| Length of Hand-piece cable | 10 feet |
| Connection | USB Type-A connector |

Replacement parts

| | | |
|-----------------------------------|---------------|---------------|
| ImageMaster Sheaths | PN: 90-1046 | Quantity, 500 |
| ImageMaster USB cable | PN: 98-2268-3 | Quantity, 1 |
| ImageMaster USB hand-piece holder | PN: 98-2216 | Quantity, 1 |



ImageMaster USB Intraoral Camera User Guide

Copyright © 2009-2012, Imagin Systems Corp., All rights reserved.

The information contained in this reference guide is furnished for informational use only, is subject to change without notice, and should not be construed as a commitment by Imagin Systems Corporation. Imagin Systems Corporation assumes no responsibility or liability for errors or inaccuracies that may appear in this manual.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, recording, or otherwise without prior written permission of Imagin Systems Corporation.

Written and designed by Imagin Systems Corporation. Printed in the USA

Contact Information:

Imagin Systems Corporation
815 Cherry Lane
San Carlos, CA 94070

Phone: 888.478.4624,
650.596.1001

Fax: 650.596.1011

WEB: www.imaginsystems.com

Email: webmaster@imaginsystems.com

Warning!

- To prevent fire or shock hazard, do not expose the camera to rain or moisture.
- No user serviceable components. Refer servicing to Imagin Systems.

Warranty






Our standard warranty covers all parts and labor for a period of two years from the date of shipment for the ImageMaster USB camera only. Warranties do not cover damage due to mishandling, abuse or neglect by customer of equipment purchased. Customer is responsible for all shipping costs for warranted items. This warranty includes all, but only, those items stated above and does not cover loss of income from downtime. No other expressed or implied warranty beyond that which is stated herein.

Introduction

The ImageMaster USB intraoral camera is a Microsoft UVC 1.0 compatible dental intraoral camera. It requires a PC with Microsoft Windows-7, Vista, or Windows XP with at least SP3, and an available USB 2.0 port.

ImageMaster USB Hand-piece Operations

The hand-piece buttons control all functions and options of the hand-piece. There are two keypads, a 4 button keypad located on the top and a single button keypad on the bottom. The buttons are: Capture (top and bottom). The other three are on the top only: Light, Mode, and Arrow. The operational description is below. Note: buttons only function while the hand-piece is removed from the holder.

| Key Location | | Function |
|---|---|--|
| Top | Bottom | |
| Capture  |  | (Captures still image to PC) |
| Light  | | (NORMAL, bright, dim, off) |
| Mode  | | (COLOR, B&W, color neg.) |
| Arrow  | | (< 2 sec. arrow on/off, >2 sec. mirror/normal) |

Capture button: Captures a still image to PC, how this is done depends on the capturing software and its settings.

Light button: Changes the light operation; upon removing the hand-piece from the holder it defaults to normal mode. Each pressing the light button changes the light level (bright, dim, off, back to normal).

Mode button: Changes the image mode; upon removing the hand-piece from the holder the image defaults to color normal. Pressing the button once the image goes black & white (monochrome). Pressing again image goes color negative. Pressing again the image goes back to color normal.

Arrow button (Less-than 1 second): Pressing the button toggles the on screen arrow (on/off). Note: there's no default state; it restores the last setting.

Arrow button (More-than 2 seconds): Pressing the button for more than two seconds will toggle the image left-to-right (mirror/normal). Note: there's no default state; it restores the last setting.

Focus ring (slider): On the hand-piece, the focus ring is located on the lens side of the hand-piece. To focus in move the slider toward the tip, to focus out move it away from the tip. Most likely you will find a position that generally works for you that you will leave at most of the time, but don't forget it's an adjustable focus intraoral camera.

