Dolphin Imaging

High Quality Digital Imaging Solutions for Dental Specialties

Fuji 6900Z Camera Recommend Settings & Notes
(Using SunPak DX-8R ring flash)

Read this entire document before you start - This special documentation augments the Fuji 6900Z Digital Camera User's Guide. Specifically, it covers settings recommended for dental imaging applications. If you want to learn the details about the Fuji 6900Z digital camera, please refer to the manufacturer's User's Guide.

Getting ready to take Photos
1. Turn "On/Off" dial to capture mode*
2. Set "mode" wheel to the "M" (Manual) setting for ALL photos.
3. Turn the macro ON for ALL photos****
4. Press the "DISP" to see guidelines**
5. Zoom to the horizontal line by pressing the "T" (Telephoto) up arrow on the back of camera.
6. Photo type: Mode: M, Speed: 1000 (page 46-47)
   - Use custom white balance 1 (Page 67) †
   - Facial: F-Stop: 4, Ringflash: 1/4
   - Intraoral: F-Stop: 11, Ringflash: 1/16
7. Frame subject in LCD screen and focus.***
8. Keep or discard the image:
   - o Keep: Press "MENU/OK" button.
   - o Discard: Press "BACK" (Cancel) button.
9. Repeat steps 6 and 8 for additional photos.

Viewing/Deleting Captured Images
- Turn On/Off dial to PLAY*
- Use left and right arrows on back of camera to view images.
- Press the MENU/OK button and by using the Up/Down arrows select:
  - o ALL FRAMES: to erase all the images
  - o FRAME: to erased displayed image

Preset Camera Settings (Already preset by Dolphin)
- Turn the mode wheel to the "SET" position
- File Size/Quality: 1M/Fine
- Image Display: Preview
- Auto Power: 2MIN
- BEEP: HIGH

Optional settings:
- DATE/TIME: Today's date
- FRAME NO.: RENEW

- RESET ALL: Do not touch this button for it will reset all your custom settings
- LANGUAGE: ENGLISH

Menu Settings(Press "MENU/OK" while in the M mode):
- External Flash: On
- Multi Exp.: OFF
- Sharpness: Normal
- Auto bracketing: Off
- Flash: "0"
- White balance: Custom 1 †
- Photometry: Average
- ISO: 100

Presets Ring Flash Settings(Already preset by Dolphin)
- ISO/ASA: 100
- Mode: "M" (TTL)
- Power:
  - o AC/HV: External AC adapter
  - o BATT: Using AA internal batteries

Dolphin Fuji 6900Z Camera Kit contents
- Fuji 6900Z camera set
- Rechargeable Battery NP-80 ††
- 16MB Smart Media Memory Card †††
- AC adapter
- USB cable
- CD ROM
- Shoulder Strap
- Additional Battery NP-80
- Battery Charger

Dolphin Sunpak Ringflash Kit contents
- Ringflash and hot shoe adapter
- 55mm step up ring adapter
- AA batteries

Additional Notes

† Using Custom White Balance. (Refer to page 67)
- Select white balance (WB) from the menu
- Set to Custom 1 using the up/down arrows
- Aim camera to target and press shutter to program WB

†† Battery Kit. Your Dolphin Fuji 6900 camera comes with two rechargeable batteries and an AC charger. Battery charger is also included. Using the LCD display drains the battery life sooner.

††† Memory Capacity. Capacity will vary depending on quality setting. For a 16Mb card at 1MB/fine setting (Dolphin recommended) you will be able to capture 25 photos – enough for 3 patients.

* Camera Mode. Is set by turning the dial around On/Off button to either Capture (Red Camera) or Play (Green arrow).

** DISP button. Button on back of camera will display yellow alignment guidelines.

*** Focusing. Press and hold shutter half way to focus image. When image is in focus, the yellow brackets ([ ]) will close into a square, (ﺔ), to indicate image is in focus. Then, press the shutter all the way down to freeze the image

**** Macro Mode. – Press the flower button on top of camera and a picture of a flower will display on LCD. Macro mode is not a typical setting for facial photos but it works very well with this camera.

Using Dolphin lightbox. Mount the lightbox so its bottom is about 30 inches from the floor. Balance the bulb's brightness by using paper filters (1-2 usually work). Seat patient 1.5' to 2' away from light box. Make sure that patient's head is centered in light box.