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Dolphin Imaging

High Quality Digital Imaging Solutions for Dental Specialties

Fujifilm 6900Z Settings & Notes – No Ring Flash

These instructions supplement the **Fujifilm FinePix 6900Z Camera Owner's Manual** *BL00004-200(1)*. The settings in this document are recommended for dental specialty applications with the Dolphin Imaging program. Please refer to the owner's manual for more details on the camera. We highly recommend that you study the manual pages 8-12 before using these settings.

Presets (If you purchased the camera directly from Dolphin, this is already done for you.)

Turn the Mode dial to "SET" position when changing the following settings (p.95)

- **File Size/Quality**: **1M/Fine** (If you require higher resolution, i.e., lecture slides or publications, set to **3M/Fine,** or even **6M/Normal**. Otherwise, 1M/Fine would more than satisfy most dental applications.)
- **Image Display**: **Preview**

All other settings are optional. (Do not touch **RESET ALL** unless you want to reset all custom settings to default.)

Turn Mode dial to "M" position when changing these settings. (p.46)

Shutter speed: 1/1000 sec; Turn the Mode dial Mode Command dial so to 1000 (lower left corner of screen)

Aperture: F11; Hold the "+/-" button (left side on the lens barrel) while flip the Command dial (p.11) to F11 (lower right corner of screen)

Press MENU/OK button to get Photography Menu Operations (p.65)

- EXTERNAL FLASH: OFF
- MULTI-EXP: OFF
- SHARPNESS: NORMAL
- AUTOBRACKETING: OFF
- FLASH: 0
- WHITE BALANCE: AUTO (with the flash on, the white balance setting has no affect.)
- PHTOMETRY: AVERAGE
- ISO: 100

To capture, flip the Mode switch (**POWER**) to the Photography mode (red 'camera' symbol), as opposed to Playback mode (the green 'play' symbol); Be sure to power the camera on. (p.11)

Capture Facial Photos
1. Turn Mode dial to **P** (Programmed auto, p.44)
2. Maximum Telephoto by press and hold the T (up) direction arrow (on back of camera)
3. Frame subject, focus and Capture†
4. Decide on keeping or discarding (REC or CANCEL) the image:
   - REC: "MENU/OK" button
   - CANCEL: "BACK" button

Capture Intraorals Photos
5. Turn Mode dial to **M** (Manual, p.46)

6. **Macro** mode; press the 'flower' button (top right of camera)
7. Maximum Telephoto by press and hold the T (up) direction arrow (on back of camera)
8. Frame subject, focus and Capture†
9. Decide on keeping or discarding (REC or CANCEL) the image:
   - REC: "MENU/OK" button
   - CANCEL: "BACK" button

Additional Notes

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

†† Battery Kit. Your Dolphin Fuji 6900 camera equipped with an additional rechargeable battery and an AC charger. The additional battery and charger are recommended for extended camera use.

††† Memory Capacity. Number of pictures you can capture will vary depending on the quality setting and the size of your memory card. The 16M card at 1M/Fine setting gives 19 photos.

Using the Dolphin Portrait Lightbox. Please carefully follow the standard Dolphin instructions to mount & use the portrait lightbox. Be sure to balance the bulb's brightness by using approximately 2 layer of filters.

Custom white balance. (Refer to page 67 on manual). This is recommended to archive more natural colors.
Facials: Mode: **M**, Speed : **1000**, F-stop: **4**
Intraorals: Mode: **M**, Speed : **1000**, F-stop: **11**

Adjusting Saturation Settings in Dolphin. This is to reduce the redness on photos. Modify sequence in Dolphin.ini.
[Capture Sequence - Facial-Intraoral-Occlusal -]
6=(Filename, dsc00001.jpg),(saturation,-220)
7=(Filename, ?Next),(saturation,-220)
5=(Filename, ?Next),(saturation,-220)
11=(Filename, ?Next),(saturation,-220)
12=(Filename, ?Next),(saturation,-220)
10=(Filename, ?Next),(saturation,-220)
8=(Filename, ?Next),(UpsideDown,1),(saturation,-220)
9=(Filename, ?Next),(UpsideDown,1),(saturation,-220)