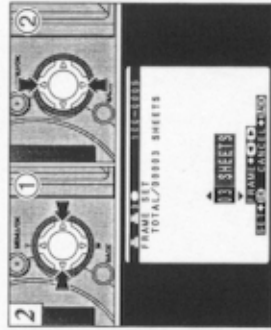


- 1 Use the "▲" or "▼" to select "FRAME SET".
- 2 Press the "MENU/OK" button.



- 1 Use "▲" or "▼" to display the frame to be specified.
- 2 Use "▲" or "▼" to specify the number of prints. The "03 SHEETS" icon and the number of prints is displayed for the frames for which settings have been confirmed. If the date has been set, the "DATE" icon is also displayed.
- 3 Using "▲" or "▼" to move forwards or backwards a frame automatically confirms the setting.

To continue using "FRAME SET", repeat steps 1 and 2.

- 3 Before specifying "FRAME SET", always specify whether the date is set.



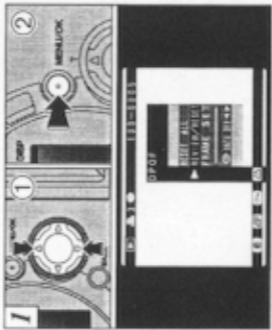
- 3 When you have finished specifying the DPOF settings, always press the "MENU/OK" button to confirm the settings. The total number of prints appears on the monitor and the menu screen reappears.

- You can specify up to 99 prints for each frame. Also, the maximum number of frames that can be specified for printing on the same SmartMedia is 999.
- "TOTAL" shows the total number of prints specified.

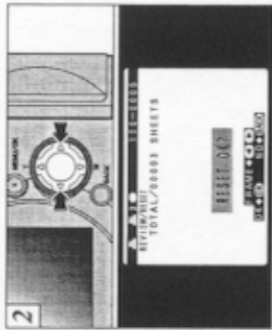


- 4 To Cancel the Settings> Pressing the "BACK" only cancels the setting for the currently selected frame. You cannot cancel settings for frames other than the currently selected frame.

PLAYBACK MENU DPOF REVIEW/RESET



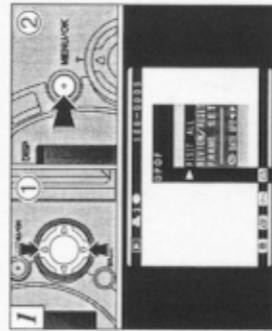
- 1 Use "▲" or "▼" to select "REVIEW/RESET".
- 2 Press the "MENU/OK" button.



Pressing "▲" or "▼" plays back only the frames for which the number of prints has been specified, allowing you to check the settings for each frame.

- Multi-frame playback is an easy way to select images (→P.37).
- If you do not want to check or delete the DPOF settings, press the "BACK" button to return to the menu. To exit the menu screen, press the "BACK" button again.

PLAYBACK MENU DPOF RESET ALL



- 1 Use "▲" or "▼" to select "RESET ALL".
- 2 Press the "MENU/OK" button.



To delete the print setting, display the image for which the setting is to be deleted and then press the "MENU/OK" button. When the print setting has been deleted, the next image appears with the "RESET OK?" message displayed.

- If all the print settings are canceled, the "TOTAL" reverts to "00000" and the monitor screen background turns blue.

To delete further print settings, repeat steps 2, 3.

2



A confirmation screen will appear to protect all images. Press the "MENU/OK" button.

3



A confirmation screen appears. To proceed, press the "MENU/OK" button.

5 Settings

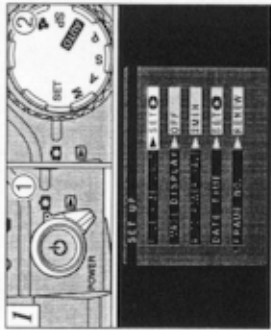
SET SET-UP MODE

The table below explains the camera setting

Settings	Display	Factory default	Explanation
FILE SIZE/ QUALITY	SET ▶	■ NORMAL	Use this option to set the number of recorded pixels (file size) and quality (compression rate). See P.97 for details.
IMAGE DISPLAY	OFF/ POSTVIEW/ PREVIEW	OFF	Use this setting to specify whether a preview image (showing the photographed image) is displayed after a picture is taken. See P.98 for details.
AUTO POWER SAVE	2 MINS MIN/OFF	2 MIN	Use this setting to specify whether the camera is switched to low power mode and then automatically switched off when the camera controls are not being used. See P.100, 112 for details.
DATE/TIME	SET ▶	—	Sets the date and time. See P.22 for details.
FRAME NO.	RENEW/CONT.	RENEW	Specifies whether the Frame No. Memory function is used. See P.101 for details.
BEEP ▶	LOW/HIGH/OFF	LOW	Sets the volume of the tone emitted when the camera is used.
LANGUAGE	ENGLISH/ FRANCAIS	ENGLISH	Select English or French as the language used for screen display.
RESET ALL	OK ▶	—	Resets all settings other than the date/time, custom white balance measurement and EV/F.A.C.D setting to the factory default values. When you press ▶ , a confirmation screen appears. To proceed, press the "MENU/OK" button again.

★ See the next page for information on procedures. 95

SET USING THE SET-UP SCREEN



- 1 Set the Mode switch to "SET".
- 2 Set the Mode dial to "SET" to display the SET-UP screen.

Always switch the camera off when you are replacing the batteries. If you open the battery cover or disconnect the AC power adapter without switching the camera off, all the camera settings may revert to the factory default values.

SET SETTING THE FILE SIZE AND QUALITY (COMPRESSION RATIO)

You can choose any combination of 4 file sizes and 4 image quality settings. Use the table below as a guide to the best settings for your shots.

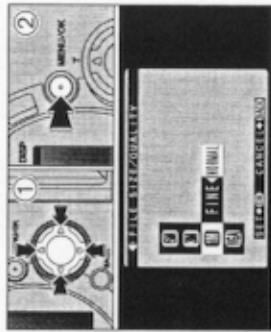
File size	HI	FINE	NORMAL	BASIC
6123 (2832 × 2128)	1	1	1	1
6123 (2048 × 1536)	—	2	2	—
6123 (1280 × 960)	—	3	3	—
6123 (640 × 480)	—	—	4	—

- 1 For printing the whole image at A4 size or printing a part of the image at A5 or A6 size
- 2 For printing the whole image at A5 size or printing a part of the image at A6 size
- 3 For printing at A6 size
- 4 For use via the Internet as an e-mail attachment, etc.

Quality (compression ratio)

Select "HI" or "FINE" for better image quality and "BASIC" to increase the number of available shots. In most cases, the "NORMAL" setting provides more than adequate image quality.

- 5 The recording time for the "HI" setting is longer than for other quality settings.



- 1 Use "▲" or "▼" to change the file size setting and "◀" or "▶" to change the quality setting.
- 2 Press the "MENU/OK" button to confirm the setting.
- 3 There are 9 combinations of file size and quality settings in total (see P. 29).

When the mode switch is set to "Q" (excluding "M"), holding down "SHIFT" and pressing "5" switches you to the settings screen.

SET IMAGE DISPLAY



This setting allows you to specify whether the photographed image is displayed after you take a picture.

OFF : The photographed image is automatically recorded without being displayed.

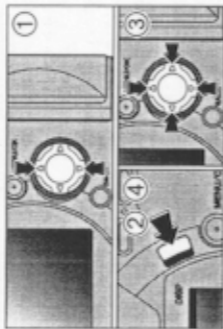
POSTVIEW: The photographed image is displayed for about 2 seconds and is then automatically recorded.

PREVIEW: The photographed image is displayed and you can then select whether to record the image. You can also select preview zoom and recorded images.

- Press "MENU/OK" to record the image.
- Press "BACK" to discard the image.

● In Continuous Shooting and Auto Bracketing modes, images are displayed for a set time and then automatically recorded even when "OFF" is selected as the "IMAGE DISPLAY" setting.

Preview Zoom



You can enlarge the preview to check the image details.

① Use "▲" or "▼" to zoom in or out.

② Press the "DISP" button.

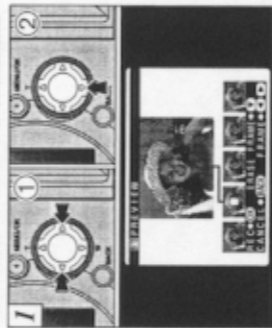
③ Use the "▲" and "▼" buttons to zoom in on different parts of the image.

④ Press the "DISP" button again to revert to zoomed display.

● Trimming in the preview image is not saved.

● The operation procedure is the same as for playback zoom. (→P.35)

Selecting Recorded Images

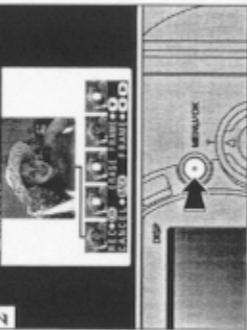


This function allows you to select and record images in the Continuous Shooting and Auto Bracketing modes. However, preview zoom cannot be used.

① Use "▲" and "▼" to select the images you do not want to record.

② Press "▼" to add or remove the "M" Mark.

2



Place an "M" mark under all the images you do not want to record and then press the "MENU/OK" button to record the remaining images.

SET AUTO POWER SAVE SETTING

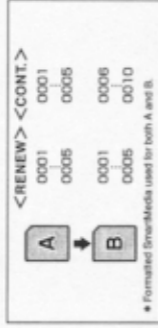


Once you enable this function, the monitor is temporarily switched off to reduce power consumption (Sleep mode) if the camera is not used for about 30 seconds. If the camera is then left unused for a further time (2 or 5 minutes), it is automatically switched off. Use this function when you want to get the maximum possible running time from the battery.

- Auto Power Save is disabled during automatic playback and when a USB connection is being used.

The Sleep function does not operate in Playback mode, but the camera is automatically switched off if it is left unused for some time (2 or 5 minutes).

SET FRAME NO. MEMORY

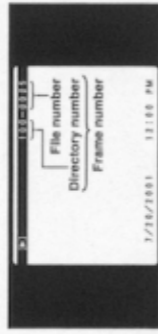


Setting this function to "CONT." makes file management easier as it ensures that file names are not duplicated when images are downloaded to a PC.

RENEW: Pictures are stored on each SmartMedia beginning with a file number "0001".

CONT. : Pictures are stored beginning from the highest file number stored on the last SmartMedia used.

- If the SmartMedia already contains image files with file numbers higher than the highest file number on the last SmartMedia, images are stored beginning from the highest file number on the current SmartMedia.



You can check the file number by viewing the image. The last 4 digits of the 7-digit number in the top right corner of the screen are the file numbers, while the first 3 digits show the directory number.

- When you change the SmartMedia, always switch the camera off before you open the SmartMedia slot cover. If you open the slot cover without switching the camera off, the frame number memory will not function.
- File numbers run from 0001 to 9999. Once 9999 is exceeded, the directory number changes from 100 to 101. The maximum number is 999-9999.
- If you switch the Frame No. Memory function off, the highest file number stored by the function is reset.
- The displayed frame number may differ for images photographed on other cameras.



When the camera is in sleep mode, pressing the shutter button down halfway brings the camera back to full operational mode. This is a useful feature as it allows you to take pictures more quickly than switching the camera off and then on again.

- Camera operation can also be restored by pressing buttons other than the shutter button.

ADJUSTING THE MONITOR BRIGHTNESS



① Hold down the "SHIFT" button ② and press the "DISP" button to display the adjustment bar.

● Adjusting the BRIGHTNESS

You can only adjust the brightness when the Mode switch is set to either "CAM" or "CAM".

The brightness adjustment can be set independently for the LCD viewfinder and the LCD monitor.

6 PC Connection

IN PC CONNECTION

PC Connection describes how to set up a USB connection and provides an overview of the functions available using a USB connection. Refer to the Software Quick Start Guide booklet for details.

Card Reader function (DSC)

This mode provides a simple way to read images from a SmartMedia and store images onto a SmartMedia. The USB interface connection allows files to be transferred at high speed so that large image files can be moved quickly (→P.104).

Camera Customization

The following functions can be accessed by down-loading and using the special software (→P.107).

- Adding Auto Play display methods (→P.83)
- Appending copyright information to the Exit information for photographed images.

◆ Viewing Movies on Your Computer

Use of the enclosed FinePixViewer software is recommended.

- If you do not use FinePixViewer, you will need QuickTime version 3.0 or later or DirectX8.0 Runtime (for Windows).

Refer to the Software Quick Start Guide booklet for information on installing the software.

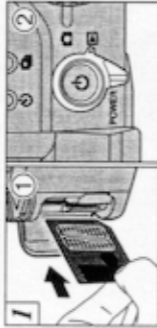
You must be registered as a FinePix Viewer online user to download the special camera customization software. Refer to the Software Quick Start Guide booklet for details.

You must also have the hardware and software required for connecting to the Internet to register as an online user or download software.

The following functions in the enclosed software are not available on this camera:

- Videoconferencing using PictureHello
- Live image capture using VideoImpression

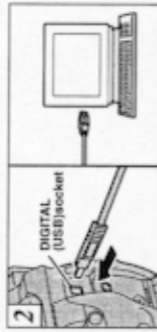
CONNECTING TO A PERSONAL COMPUTER



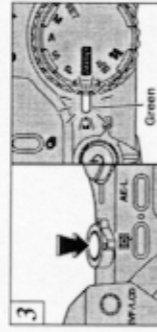
- 1 Load a SmartMedia containing photographed images.
- 2 Set the Mode dial to "D".



- Plug one end of the special USB cable (supplied) into the digital (USB) socket on the camera and then plug the other end into your computer.



- When you switch the camera on, your computer recognizes the camera as a removable disk and the indicator lamp on the camera lights green.



- The indicator lamp glows orange when the camera is communicating with the computer. Do not open the SmartMedia slot cover or use any of the other camera controls while the camera is communicating with the computer.

Install the software by referring to the Software Quick Start Guide booklet for the installation procedure.

- 6 The AC power adapter should be used for this operation (→P.18).

- 7 The Auto Power Save function does not operate when the camera is connected to a computer.

If Windows driver installation has started, refer to the Software Quick Start Guide booklet.

- 8 See P.106 for the procedure for disconnecting the camera from your computer.

Files can be transferred in either direction between the camera and the computer. You can also customize the camera (→P.107).

DISCONNECTING THE CAMERA FROM YOUR COMPUTER

Always take the following steps before disconnecting the camera from your computer:

- 1 Check that the indicator lamp is green (the camera is not exchanging data with the computer).
- 2 Select the correct procedure below for the operating system used on your computer. Then proceed to step 3 on the right side of this page.

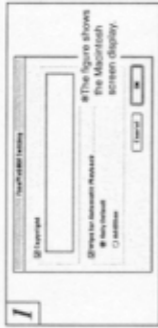
- **Windows 98**
Check that the indicator lamp is green.
- **Windows Me/2000 Professional**
Exit "FinePixViewer". Then click the Eject icon in the taskbar and eject the media. Check that the "REMOVE OK" message is displayed.
- **Macintosh**
Quit "FinePixViewer". Drag the "Removable Drive" icon to the Trash and check that "REMOVE OK" is displayed on the camera's screen.



- 3 Switch the camera off.
- 4 Disconnect the special USB cable from the camera.

Do not remove the SmartMedia or disconnect the USB cable without following the removal/disconnection procedure described above.

CAMERA CUSTOMIZING



- 1 Load a SmartMedia that has available space and connect as a "CARD READER". (→P.104)
- 2 Use the downloaded "FinePix6900Customizer" software to specify the functions to be added.
- 3 Click the "OK" button to write the data to the SmartMedia.



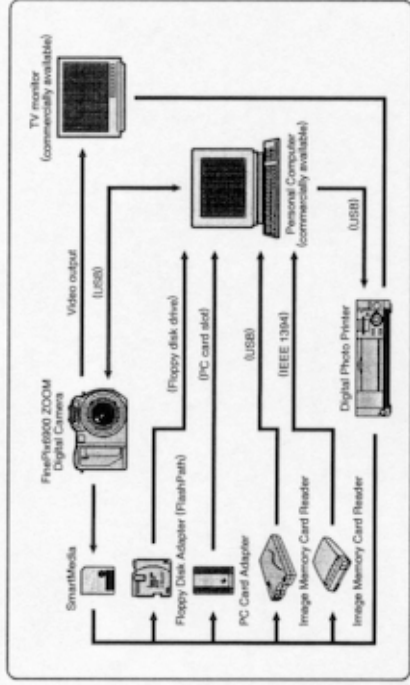
- Disconnect the camera from the computer and unplug the special USB cable (→P.106).
- 1 When you switch the camera on, the customized screen appears.
 - 2 Press "▶" to check the details.
 - 3 Press the "MENU/OK" button to proceed.

Do not switch the SmartMedia during the customization procedure.

- 4 If you selected "NO", the customized screen appears the next time you switch the camera on.

System Expansion Options

- ▶ By using the FinePix6900 ZOOM together with other optional FUJIFILM products, your system can be expanded to fill a wide range of uses.



Overview of the Conversion Lens/Adapter Ring

Wide Conversion Lens WL-FX9

This is a set that includes a wide conversion lens and adapter ring and converts the camera's focal length by 0.79x (equivalent to a 28 mm wide-angle lens). This set also allows you to use commercially available filters.

Wide conversion lens specifications

Magnification : 0.79x
 Lens configuration: 3 lenses in 3 groups
 Dimensions : 32 mm x 70 mm dia.
 Weight : Approx. 185 g
 Accessories : Adapter Ring (see below for specifications) Lens caps (front and rear) Lens pouch

- This lens should be used at the wide-angle zoom setting (equivalent to 28 mm - 46 mm). Using the lens at the telephoto setting increases the amount of distortion.
- The wide conversion lens and built-in flash cannot be used together.

The adapter ring is required for using commercially available filters.

Adapter ring specifications

Compatible filters: 55 mm - diameter commercial filters
 Dimensions : 39 mm x 58 mm dia.
 Weight : Approx. 30 g

- Do not use more than one filter at a time.

Teleconversion Lens TL-FX9

This accessory increases the focal length of your lens by 1.5x without changing its F-stop value.

Teleconversion lens specifications

Magnification : 1.5x
 Lens configuration: 3 lenses in 3 groups
 Dimensions : 55 mm x 65 mm dia.
 Weight : Approx. 100 g
 Accessories : Lens caps (front and back), lens bag

- This teleconversion lens should be used with telephoto zoom settings. Using this lens at a wide-angle setting could result in image vignetting.
- The built-in flash cannot be used with the teleconversion lens.



Mount the Adapter Ring, Conversion Lens and commercial filters by screwing them on in the direction of the arrow.

Accessories Guide

▶ The optional accessories (sold separately) can make taking pictures with the FinePix6900 ZOOM even easier. For information on how to attach and use the accessories, refer to the instructions provided with the accessory used.

SmartMedia™

These are separately available SmartMedia cards.

Use the following SmartMedia:

- MG-4S: 4MB, 3.3V
- MG-8S: 8MB, 3.3V
- MG-16SSW: 16MB, 3.3V
- MG-32S/SW: 32MB, 3.3V
- MG-64S/SW: 64MB, 3.3V
- MG-128SW: 128MB, 3.3V
- Some 3.3V SmartMedia are labelled as "3V" or "3D" cards.



BC-80 Battery Charger

Use the BC-80 to quickly charge the rechargeable battery.

Battery charging takes roughly 70 minutes (charging an NP-80).



NP-80 Rechargeable Battery

The NP-80 is a rechargeable lithium-ion battery.



PC-AD3 PC Card Adapter

The PC Card Adapter allows the SmartMedia to be used as a PC Card Standard ATA-compliant (PCMCIA 2.1) PC card (Type E).

- Compatible with SmartMedia of 5V/3.3V, 2MB to 128MB.



Floppy Disk Adapter (FlashPath)

This adapter is the same size and shape as a 3.5-inch floppy disk. You can copy the images on a SmartMedia to your PC simply by loading the SmartMedia into the floppy disk adapter and then inserting the adapter into your floppy disk drive.



	Compatible OS	Compatible SmartMedia
FD-A2	Windows 95/98/98SE/Me/NT4.0, MacOS 7.6.1 to 9.1	5V/3.3V, 2MB to 128MB

SM-R2 Image Memory Card Reader

The SM-R2 allows images to very easily be read to and written from an image memory card (SmartMedia) to a personal computer. Its USB interface provides high-speed data transmission.

- Windows 95/98SE, Windows Me, Windows 2000 Professional or iMac and models that support USB as standard.



DM-R1 Image Memory Card Reader

This device provides a simple way to transfer image data in either direction between your computer and an image memory card (SmartMedia or CompactFlash Type II (Microdrive-compatible)).

The IEEE 1394 interface provides high-speed data transfer.

- Windows 98 Second Edition, Windows 2000 Professional (read-only), iMacDV and Power Macintosh computers with FireWire as a standard feature. Mac OS 8.5.1 to 9.0



SC-FX9

This is a special synthetic leather case that protects the camera against soiling, dust and minor impacts when it is being carried.

Explanation of Terms

- AF/AE Lock :** On the FinePix900 ZOOM, pressing the shutter button down half way locks the focus and exposure settings (AF and AE lock). If you want to focus on a subject that is not centered in the frame or change the picture composition after the exposure is set, you can obtain good results by changing the composition after the AF and AE settings are locked.
- Auto Power Save Function :** If the camera is not used in any way for 30 seconds, this function switches features such as the LCD monitor off (Sleep mode) to prevent battery depletion and the waste of power when the AC power adapter is connected. If the camera is then left unused for a further period, the Auto Power Save function switches the camera off. This period can be set to 2 minutes or 5 minutes on this camera.
- The Auto Power Off function does not operate in PC mode, during automatic playback, or if it is disabled during setup.
- DPOF :** Digital Print Order Format
- DPOF :** DPOF is a format used for recording information on a storage media (image memory card, etc.) that allows you to specify which of the frames shot using a digital camera are printed and how many prints are made of each image.
- EV :** A number that denotes exposure. The EV is determined by the brightness of the subject and sensitivity (speed) of the film or CCD. The number is larger for bright subjects and smaller for dark subjects. As the brightness of the subject changes, a digital camera maintains the amount of light hitting the CCD at a constant level by adjusting the aperture and shutter speed.
- When the amount of light striking the CCD doubles, the EV increases by 1. Likewise, when the light is halved, the EV decreases by 1.
- JPEG :** Joint Photographics Experts Group
- JPEG :** A file format used for compressing and saving color images. The compression ratio can be selected, but the higher the compression ratio, the poorer the quality of the expanded image.
- Motion JPEG :** A type of AVI (Audio Video Interleave) file format that handles images and sound as a single file. Images in the file are recorded in JPEG format. Motion JPEG can be played back by QuickTime 3.0 or later.
- PC Card :** A generic term for cards that meet the PC Card Standard.
- PC Card Standard :** A standard for PC cards determined by the PCMCIA.
- PCMCIA :** Personal Computer Memory Card International Association (US).
- White Balance :** Whatever the kind of the light, the human eye adapts to it so that a white object still looks white. On the other hand, devices such as digital cameras see a white subject as white by first adjusting the color balance to suit the color of the ambient light around the subject. This adjustment is called matching the white balance. A function that automatically matches the white balance is called an **Automatic White Balance function**.

Notes on Using Your Camera Correctly

- ▶ Be sure to read this information in conjunction with before you use this product "Safety Notes" (→P.127) to ensure that you use your camera correctly.
- **Places to Avoid**
Do not store or use the camera in the following types of locations :
- Very humid, dirty or dusty places.
 - In direct sunlight or in places subject to extreme temperature rises, such as in a closed car in summer.
 - Extremely cold places.
 - Places subject to strong vibrations.
 - Places affected by smoke or steam.
 - Places subject to strong magnetic fields (such as places near motors, transformers or magnets).
 - In contact with chemicals such as pesticides or next to rubber or vinyl products for long periods of time.
- **Do not expose the camera to sand**
The FinePix900 ZOOM is particularly and adversely affected by sand. In sandy locations such as beaches or deserts, or in locations where there is wind borne sand, ensure that the camera is not exposed to sand. This can cause faults that may be irreparable.
- **Notes on Condensation**
If the camera is carried suddenly from a cold location into a warm place, water droplets (condensation) may form on the inside of the camera or on the lens. When this occurs, switch the camera off and wait an hour before using the camera. Condensation may also form on the SmartMedia card. In this event, remove the SmartMedia and wait a short time before using it again.
- **Cleaning Your Camera**
- Use a blower brush to remove dust from the lens and LCD surface and then wipe lightly with a soft, dry cloth. If any soiling remains, apply a small amount of lens cleaning liquid to a piece of FUJIFILM lens cleaning paper and wipe gently.
 - Do not scratch hard objects against the lens, LCD monitor screen or viewfinder as these surfaces are easily damaged.
 - Clean the body of the camera with a soft dry cloth. Do not use volatile substances such as thinners, benzene or insecticide, as these may react with camera body and cause deformation or remove the coating.
- **Using the Camera Overseas**
When travelling overseas, do not place your camera in the check-in baggage. Baggage handling at airports may subject baggage to violent shocks, and the camera may be damaged internally even when no external damage is visible.
- **When the Camera is Unused for Long Periods**
If you do not intend to use the camera for a long period of time, remove the batteries and the SmartMedia card before storing the camera.

Notes on the Power Supply

Notes on Using the Battery

The FinePix6900 ZOOM camera uses a rechargeable lithium-ion battery. Note the points below when using the rechargeable battery. Take particular care to read the Safety Notes to ensure that you use the battery correctly.

- When shipped, the NP-80 is not fully charged. Always charge the battery before using it.
- Always remove the battery cap when using the battery.
- When you are carrying the battery around, load it into the digital camera or attach the cap.
- When storing the battery, store it with the cap fitted.



Battery Features

- The battery gradually loses its charge even when not used. Use a battery that has been charged recently (in the last day or two) to take pictures.
- To maximize the battery life, switch the camera off as quickly as possible when it is not being used.
- The number of available shots will be lower in cold locations or at low temperatures. Take along a spare fully charged battery.
- You can also increase the amount of power produced by putting the battery in your pocket or another warm

place to heat it and then loading it into the camera just before you take a picture.

If you are using a heating pad, take care not to place the battery directly against the pad. The camera may not operate if you use a depleted battery in cold conditions.

Charging the Battery

- The battery can be charged using the AC-5V/S/AC-5VH (provided as an accessory or sold separately) AC Power Adapter supplied with the FinePix6900 ZOOM. The battery takes approximately 5 hours to charge. If you use the BC-80 Battery Charger (sold separately), the battery can be charged in approximately 70 minutes.
- This rechargeable battery does not need to be fully discharged or exhausted first before being charged.
- The battery may feel warm after it has been charged or immediately after being used. This is perfectly normal.
- The battery can be charged at temperatures between 0°C and +40°C (+32°F and +104°F), but should be charged between +10°C and +30°C (+50°F and +86°F) to obtain maximum battery performance.
- Do not recharge a fully charged battery.

Battery Life

At normal temperatures, this battery can be used at least 300 times.

If the time for which the battery provides power shortens markedly, this indicates that the battery has reached the end of its effective life and should be replaced.

Notes on storage

Lithium ion batteries are both compact and capable of storing large quantities of power. However, if they are stored for long periods while charged, the performance of the battery can be impaired.

- If the battery will not be used for some time, run the battery flat before storing it.
- If the battery is kept in storage for a long period, charge the battery and then run it flat again at least once a year.
- Always remove the battery from the digital camera or battery charger when it is not being used. Left installed, minute amounts of current flow even when unused, and the battery may become excessively drained and no longer function.
- Attach the cap and store in a cool place.
- The battery should be stored in a dry location with an ambient temperature between +15°C and +25°C (+59°F and +77°F).
- Do not leave the battery in hot or extremely cold places.

Handling the Battery

- To avoid injury or damage, observe the following:
 - Do not allow the metal portions of the battery to touch other metal objects.
 - Do not bring the battery close to a flame or throw it into a fire.
 - Do not attempt to disassemble or modify the battery.

To avoid damaging the battery or shortening its life, observe the following:

- Do not drop the battery or otherwise subject it to strong impacts.
- Do not immerse the battery in water.

To ensure that you obtain optimum battery performance, observe the following:

- Always keep the battery terminals clean.
- Store the battery in a cool, dry place. Storing the battery for long periods in a hot location can shorten the battery life.

If you use the battery for a long period, the camera body and the battery itself will become warm. This is normal and is not a malfunction. Use the AC power adapter supplied with the camera if you are taking pictures or viewing images for a long period of time.

Specifications (NP-80)

Nominal voltage	DC 3.7V
Maximum voltage	DC 4.2V
Nominal capacity	1300mAh
Operating temperature	0°C to +40°C (+32°F to +104°F)
Dimensions	19.8 mm x 20.4 mm x 55.5 mm (0.78 in. x 0.8 in. x 2.19 in.) (W x H x D)
Mass (Weight)	Approx. 40g (1.4 oz.)

These specifications are subject to change without notice.

Notes on the Power Supply

AC Power Adapter

Always use the AC-5VS/AC-5VH AC Power Adapter with the FinePix6900 ZOOM Camera.

The use of an AC power adapter other than the AC-5VS/AC-5VH could result in damage to your FinePix6900 ZOOM Digital Camera.

- This AC power adapter is designed exclusively for indoor use.
- Plug the connection cord plug securely into the DC input terminal of the FUJIFILM Digital camera.
- Turn off the power switch of the FUJIFILM Digital camera before disconnecting the connection cord from the FUJIFILM Digital camera's DC input terminal. To disconnect, take hold of the plug and pull it out (do not disconnect it by pulling on the cord).
- Do not use this AC power adapter with any device except the specified device.
- During use, this AC power adapter will become hot to touch, but this is normal.
- Do not disassemble the AC power adapter. Doing so could be dangerous.
- Do not use this device in a place with high temperature and high humidity.
- Do not drop or subject this device to strong shocks.
- This device may emit a humming noise, but this is normal.
- If used near a radio, this device may cause static, so play the radio in a distant place.

Notes on the SmartMedia™

SmartMedia

The SmartMedia card supplied with your FinePix6900 ZOOM camera is a new image recording medium developed especially for use in digital cameras. Each SmartMedia card contains a built-in semiconductor memory chip (NAND flash memory) which is used for storing digital image data.

Because the data is stored electronically, the stored image data can be erased from the card and new data recorded.

SmartMedia with IDs

The SmartMedia ID is a SmartMedia that has an individually assigned identification number. SmartMedia ID cards can be used with devices that use ID numbers for copyright protection or other purposes. This camera accepts SmartMedia ID cards in the same way as conventional SmartMedia cards.

Storing Data

In the situations listed below, recorded data may be erased (destroyed). Please note that Fuji Photo Film Co., Ltd. accepts no responsibility whatsoever for the loss (destruction) of recorded data.

- When the SmartMedia is used incorrectly by the owner or a third party
- When the SmartMedia is exposed to static electricity or electrical noise

- When the SmartMedia cover is opened or the SmartMedia removed, or when the camera is switched off during data recording, during data erasing (SmartMedia formatting) or during frame advance when images are being played back.

Back up important data onto another medium. (MO disk, floppy disk, hard disk, etc.)

Notes on Handling SmartMedia








- When inserting the card into the camera, hold the SmartMedia straight as you push it in.
- Never remove the SmartMedia or switch the camera off during data recording, during data erasing (SmartMedia formatting) or during frame advance when images are being played back. These actions could result in damage to the SmartMedia.
- Use only the SmartMedia specified for use with the FinePix6900 ZOOM. The use of other SmartMedia could damage the camera.
- SmartMedia are precision electronic devices. Do not bend, drop, or subject SmartMedia to excessive shocks.
- Do not use or store SmartMedia in environments likely to be affected by strong static electricity or electrical noise.

Notes on the SmartMedia™








- Do not use or store SmartMedia in very hot, humid or corrosive environments.
 - Take care not to touch the SmartMedia's contact area or allow the area to become soiled. Use a dry lint-free cloth to wipe away any soiling that does occur.
 - To avoid damage caused by static electricity, always use the special static-free case provided during transportation or storage, or keep the SmartMedia in a storage case if available.
 - Do not carry SmartMedia in locations such as a trouser pocket. This could subject the SmartMedia to excessive force when you sit down, thereby damaging the SmartMedia.
 - The SmartMedia may feel warm when it is removed from the camera after extended periods of picture taking or image viewing. This is normal and does not indicate a fault.
 - Inserting a SmartMedia that is charged with static electricity into your camera may result in a camera malfunction. If this occurs, switch the camera off and then on again.
 - Affix the label onto the designated area of the card. Do not use third-party labels as this can lead to problems when the card is inserted or removed.
 - When you attach the label, take care that it does not cover any of the write-protect area.
- **Notes on Using SmartMedia with a PC**
- If you intend to take photos using a SmartMedia that has been used on a PC, format the SmartMedia on your camera.
 - When you format a SmartMedia in the camera and then shoot and record images, a directory (folder) is automatically created. Image data is then recorded in this directory.
 - Do not change or delete the directory (folder) names or file names on the SmartMedia from your PC as this will make it impossible to use the SmartMedia in your camera.
 - Always use the camera to erase image data on a SmartMedia.
 - To edit image data, copy the image data to the computer's hard disk and then edit the copied data.
- **Specifications**
- | | |
|----------------------|--|
| Type | Image memory card for digital cameras (SmartMedia) |
| Operating voltage | 3.3V |
| Operating conditions | Temperature :
0°C to +40°C (+32°F to +104°F)
Humidity :
80% or less (condensation free) |
| Dimensions | 37 mm x 45 mm x 0.76 mm
(1.46 in. x 1.77 in. x 0.03 in.) (W x H x D) |





Warning Displays

► The table below lists the warnings that are displayed on the LCD monitor

Warning Displayed	Explanation	Remedy
 (Lit red)	The camera battery is low on charge.	Replace or recharge the battery.
	No SmartMedia is loaded, or it is loaded incorrectly.	Load the SmartMedia (3.3V) in the correct direction. <ul style="list-style-type: none">Format the SmartMedia.Wipe the contact area on the SmartMedia with a soft dry cloth.
	The SmartMedia is not formatted. <ul style="list-style-type: none">The SmartMedia terminals are soiled.	Format the SmartMedia. <ul style="list-style-type: none">Wipe the contact area on the SmartMedia with a soft dry cloth. It may be necessary to format the SmartMedia. If the error message is still displayed, replace the SmartMedia.
	The SmartMedia terminals are soiled. <ul style="list-style-type: none">The SmartMedia is damaged.The SmartMedia format is incorrect.	Wipe the contact area on the SmartMedia with a soft dry cloth. It may be necessary to format the SmartMedia. If the error message is still displayed, replace the SmartMedia.
	The SmartMedia is fully recorded.	Erase some images or use a SmartMedia that has ample free space.
	The SmartMedia is write-protected.	Use a SmartMedia that is not write-protected. <ul style="list-style-type: none">Images cannot be played back.
	An attempt was made to playback a frame not recorded on this camera. <ul style="list-style-type: none">The SmartMedia terminals are soiled.	Wipe the contact area on the SmartMedia with a soft dry cloth. In some cases, you may have to format the SmartMedia.

Warning Displays

Warning Displayed	Explanation	Remedy
	<ul style="list-style-type: none"> The data could not be recorded due to a SmartMedia error or a connection error between the SmartMedia and camera. The photographed image cannot be recorded as it is too large to fit in the available space on the SmartMedia. 	<ul style="list-style-type: none"> Re-insert the SmartMedia or switch the camera off and then on again. Use a new SmartMedia.
	The frame number has reached 999-9999.	Switch the Frame NO. Memory function off and use a formatted SmartMedia to take the picture.
	There is a strong likelihood of camera shake because the shutter speed is slow.	Use flash photography. However, a tripod should be used for some scenes and modes.
	A protected frame was erased.	Remove the protection.
	The AF (auto focus) cannot work effectively.	<ul style="list-style-type: none"> If the image is too dark, take the picture at a distance of around 2 m (6.6 ft.) from the subject. Use AF lock to take the picture.
Aperture/Shutter speed display (L/R red)	Outside the AE continuous range.	The shot can be taken, but the exposure will not be correct.
 	There is a print order specified for image you attempted to erase.	When you erase the image, the DPOF settings for that image are deleted at the same time.

Warning Displayed	Explanation	Remedy
	The DPOF file contains an error. Alternatively, the DPOF file was set up on a different device.	Press the MENU/OK button to create a new DPOF file and specify all the DPOF settings again.
	Prints were specified for more than 1000 frames in the DPOF frame settings.	The maximum number of frames for which prints can be specified on the same SmartMedia is 999. Print specifications can be set for a maximum of 999 frames on the same SmartMedia.
 	Camera malfunction or fault.	<ul style="list-style-type: none"> Switch the camera on again, taking care not to touch the lens. Turn the camera off and on again a few times. If this does not resolve the problem, contact an authorized FUJIFILM service center.

Troubleshooting

► If you think the camera is faulty, check the following once more.

Problem	Cause	Remedy
No power.	<ul style="list-style-type: none"> The battery is exhausted. The AC power adapter plug has come out of the power outlet. 	<ul style="list-style-type: none"> Load a new fully charged battery. Plug the adapter back in.
Power cuts out during operation.	<ul style="list-style-type: none"> The battery is exhausted. 	<ul style="list-style-type: none"> Load a new fully charged battery.
Battery runs out quickly.	<ul style="list-style-type: none"> Camera is being used in extremely cold conditions. The terminals are soiled. The battery is flat. 	<ul style="list-style-type: none"> Put the battery in your pocket or another warm place to heat it and then load it into the camera just before you take a picture. Wipe the battery terminals with a clean, dry cloth. Load a new battery.
No photograph is taken when the shutter button is pressed.	<ul style="list-style-type: none"> No SmartMedia is loaded. The SmartMedia is fully recorded. The SmartMedia is write-protected. The SmartMedia is not formatted. The SmartMedia contact area is soiled. The SmartMedia is damaged. The Auto Power Save function has switched the camera off. The battery is exhausted. 	<ul style="list-style-type: none"> Load a SmartMedia. Load a new SmartMedia or erase a frame. Remove the write-protection. Format the SmartMedia. Wipe the SmartMedia contact area with a clean dry cloth. Load a new SmartMedia. Switch the camera on. Load a new fully charged battery.

Problem	Cause	Remedy
Can't use the flash to take pictures.	<ul style="list-style-type: none"> The flash is set to Suppressed Flash mode (The flash is closed). The shutter button was pressed while the flash was charging. 	<ul style="list-style-type: none"> Pop the flash up. (The flash cannot be used in some modes (P, P.41). Select a mode in which the flash can be used.) Wait until charging is completed before pressing the shutter button.
The flash will not charge.	<ul style="list-style-type: none"> No compatible SmartMedia is loaded. The camera is set to Suppressed Flash mode. The battery is exhausted. 	<ul style="list-style-type: none"> Load a new SmartMedia, erase a frame, or remove the write-protection. Set the flash to Auto, Red-Eye Reduction or Forced Flash mode. Load a new fully charged battery.
The playback image is too dark even though I used the flash.	<ul style="list-style-type: none"> The subject is too far away. The flash was covered by your finger. 	<ul style="list-style-type: none"> Move closer to the subject. Hold the camera correctly.
The image is blurred.	<ul style="list-style-type: none"> The lens is dirty The lens is zoomed to telephoto in Macro mode. The photographed subject was too dark. 	<ul style="list-style-type: none"> Clean the lens. Cancel Macro mode. Try standing about 2 m (6.6 ft.) from your subject to take the picture.
There are dot-shaped aberrations on the image.	<ul style="list-style-type: none"> The shot was taken with a shutter speed slower than 1/4 second. 	<ul style="list-style-type: none"> This is characteristic of CCDs and does not indicate a fault.
Can't format the SmartMedia.	<ul style="list-style-type: none"> The SmartMedia is write-protected. 	<ul style="list-style-type: none"> Remove the write-protection. (Peel off the write-protect sticker.)

Troubleshooting

Problem	Cause	Remedy
The ERASE ALL function does not erase all the frames.	<ul style="list-style-type: none"> The frame is protected. 	<ul style="list-style-type: none"> Remove the frame protection.
Nothing happens when I use the camera switches and dial.	<ul style="list-style-type: none"> Camera malfunction. The Mode switch and Mode dial has been moved to another setting. The battery is exhausted. 	<ul style="list-style-type: none"> Remove the battery, re-insert and try again. Set the Mode switch and Mode dial to the correct setting. Load a new fully charged battery.
There is no picture on the TV.	<ul style="list-style-type: none"> The camera and TV are connected incorrectly. The TV input is set to "TV". 	<ul style="list-style-type: none"> Connect the TV and camera correctly. Set the TV input to "Video".

Specifications

System

- **Model:** Digital camera FinePix6900 ZOOM
- **CCD sensor**
1/1.7-inch Super CCD (with primary color filter)
The total number of pixels: 3.3 million in an interwoven pattern. The number of effective pixels: 3.015 million.
- **Image file size**
2832 x 2128 pixels / 2048 x 1536 pixels /
1280 x 960 pixels / 640 x 480 pixels
- **File format**
Still image: DCF-compliant (Exif ver.2.1 TIFF-RGB or JPEG), DPOF-compatible
Movie : AVI format, Motion JPEG
- **Storage media:** SmartMedia (3.3V)
- **Viewfinder**
0.55-inch 110,000 pixel electronic viewfinder
- **Number of frames recorded**

System

- **Lens:** Super EBC Fujinon optical 6x zoom lens
Aperture: F2.8 to F11, 13 levels in 1/3 EV steps
Focus : TTL contrast-type, Auto or Manual
- **Focus distance:** f = 7.6mm - 46.8mm
(equivalent to 35mm - 210mm on a 35mm camera)
- **Exposure control:** 64 zones TTL metering, Program AE (P-AE) • SP • P • S • A, Manual AE (M-AE) • SP • P • S • A, Manual AE (M-AE) • SP • P • S • A/00
- **Sensitivity:** Equivalent to ISO 100/200/400
- **White balance**
P • S • A, M: 8 positions selectable
Custom white balance selectable (2 positions)
- **Focal range**
Normal: Approx. 50 cm (1.6 ft.) to infinity
Macro : Approx. 10 cm (0.3 ft.) to 80 cm (2.6 ft.)
- **Shutter**
P • S • A • M: Variable-speed, 3 to 1/2000 sec. (using AE)
P • S • A • M: Variable-speed, 3 to 1/1000 sec. (using AE)

File Size	603 2032 x 2128			603 1280 x 960			603 640 x 480		
	HI	FINE	NORMAL	BASIC	FINE	NORMAL	FINE	NORMAL	MOVIE
Quality Mode	Approx. 17720KB	Approx. 2400KB	Approx. 1200KB	Approx. 460KB	Approx. 1300KB	Approx. 620KB	Approx. 320KB	Approx. 90KB	—
Image Data Size	0	1	3	8	2	6	12	44	Approx. 23 sec
MG-4S (4MB)	0	3	6	17	6	13	25	89	Approx. 67 sec
MG-8S (8MB)	0	6	13	33	12	26	49	163	Approx. 94 sec
MG-16S/16MB	1	13	28	68	25	53	99	330	Approx. 181 sec
MG-32S/32MB	3	26	56	137	50	107	198	663	Approx. 385 sec
MG-128S/128MB	7	53	113	275	102	215	398	1330	Approx. 774 sec

Specifications

- **Flash:** Auto flash using flash control sensor
Effective range: Wide Approx. 0.3 m – 3.6 m (1 ft. – 11.8 ft.)
Tele Approx. 0.9 m – 3.2 m (3 ft. – 10.5 ft.)
Flash modes: Auto, Red-Eye Reduction,
Forced Flash, Slow Synchro,
Red-Eye Reduction + Slow Synchro
- **LCD monitor**
2-inch, low-temperature polysilicon TFT 130,000 pixels
- **Video output**
NTSC (US/Canada model) / PAL (Europe model)
- **Self-Timer:** 2 sec. / 10 sec. timer clock

Input/Output Terminals

- **Video Output:** Stereo mini-jack (1)
- **Digital (USB) terminal**
For file transfer with a personal computer
- **DC Input:** Socket for specified AC power adapter
- **Accessory shoe:** Hot shoe

Power Supply and Others

- **Power supply**
Use one of the following
 - Rechargeable Battery NP-80 or AC Power Adapter AC-6V/S/AC-6VH
- **Number of available shots using the battery (when fully charged)**

Battery Type	No. of Shots	Auto Play
NP-80	Using LCD monitor Approx. 100	Approx. 15h
	Using LCD viewfinder Approx. 120	Approx. 15h

The number of shots shown here is an approximate guide to the number of consecutive shots that can be taken based on 50% flash usage at normal temperatures. However, the actual number of available shots will vary depending on the ambient temperature when the camera is used and the amount of charge in the battery. The number of available shots or available shooting time will be lower in cold conditions.

- **Conditions for use**
Temperature: 0°C to +40°C (+32°F to +104°F)
80% humidity or less (no condensation)
- **Camera dimensions (W/H/D)**
110 mm x 78.5 mm x 93.5 mm / 4.3 in. x 3.1 in. x 3.7 in.
(not including accessories and attachments)
- **Camera mass (weight):** Approx. 410g / 14.5oz.
(not including accessories, batteries or SmartMedia)
- **Weight for photography:** Approx. 450g / 16.9oz.
(including batteries and SmartMedia)
- **Accessories:** See P.7
- **Optional Accessories:** See P.108 – 111

● These specifications are subject to change without notice. FUJIFILM shall not be held liable for damages resulting from errors in this Owner's Manual.

- The LCD monitor on your digital camera is manufactured using advanced high-precision technology. Even so, small bright points and anomalous colors (particularly around text) may appear on the monitor. These are normal display characteristics and do not indicate a fault with the monitor. This phenomenon will not appear on the recorded image.
- The operation error may be caused in a digital camera by the strong radio interference (i.e. electric fields, static electricity, line noise, etc.).

Safety Notes

- To ensure that you use your FinePix6900 ZOOM camera correctly, read these Safety Notes and your Owner's Manual carefully beforehand.
- After reading these Safety Notes, store them in a safe place.

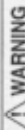
About the Icons

The icons shown below are used in this document to indicate the severity of the injury or damage that can result if the information indicated by the icon is ignored and the product is used incorrectly as a result.

- **WARNING**
This icon indicates that death or serious injury can result if the information is ignored.
- **CAUTION**
This icon indicates that personal injury or material damage can result if the information is ignored.

The icons shown below are used to indicate the nature of the information which is to be observed.

- **Warning icon:** Triangular icons notify the user of information requiring attention ("important").
- **Prohibited icon:** Circular icons with a diagonal bar notify the user that the action indicated is prohibited ("Prohibited").
- **Required icon:** Filled circles with an exclamation mark notify the user of an action that must be performed ("Required").



WARNING

If a problem arises, switch the camera off, remove the battery, disconnect and unplug the AC power adapter.

Continued use of the camera when it is emitting smoke, is emitting any unusual odor, or is in any other abnormal state can cause a fire or electric shock.
● Contact your FUJIFILM dealer.



Using the power socket.

Do not allow water or foreign objects to enter the camera.

If water or foreign objects get inside the camera, switch the camera off, remove the battery and disconnect and unplug the AC power adapter.







Continued use of the camera can cause a fire or electric shock.
● Contact your FUJIFILM dealer.


Do not place the camera on an unstable surface.





This can cause the camera to fall or tip over and cause injury.








Safety Notes




<p>WARNING</p> <p>Never attempt to modify or disassemble the camera. (Never open the casing.) Do not use the camera when it has been dropped or the casing is damaged. This can cause a fire or electric shock.</p> <ul style="list-style-type: none"> Contact your FUJIFILM dealer. 	 <p>Do not disassemble.</p>	<p>Do not use the camera in the bathroom or shower. This can cause a fire or electric shock.</p>	 <p>Do not touch any metal parts of the camera during a thunderstorm. This can cause an electric shock due to induced current from the lightning discharge.</p>
<p>WARNING</p> <p>Do not modify, heat or unduly twist or pull the connection cord and do not place heavy objects on the connection cord.</p> <p>These actions could damage the cord and cause a fire or electric shock.</p> <ul style="list-style-type: none"> If the cord is damaged, contact your FUJIFILM dealer. 		<p>Do not use the batteries except as specified.</p> <p>Load the batteries with the poles positioned as indicated by the \oplus and \ominus marks.</p>	 <p>Do not heat, modify or attempt to disassemble the batteries. Do not drop or subject the batteries to impacts. Do not attempt to recharge lithium or alkaline batteries. Do not store the batteries with metallic products. Do not use chargers other than the specified model to charge the battery. Any of these actions can cause the batteries to burst or leak and cause fire or injury as a result.</p>

<p>WARNING</p> <p>Use only the batteries or AC power adapter specified for use with this camera.</p> <p>Do not use voltages other than the power supply voltage shown. The use of other power sources can cause a fire.</p>	
--	---

<p>CAUTION</p> <p>Do not use this camera in locations severely affected by oil fumes, steam, humidity or dust. This can cause a fire or electric shock.</p>	
<p>Do not leave this camera in places subject to extremely high temperatures.</p> <p>Do not leave the camera in locations such as a sealed vehicle or in direct sunlight. This can cause a fire.</p>	
<p>Keep out of the reach of small children.</p> <p>This product could cause injury in the hands of a child.</p>	
<p>Do not place heavy objects on the camera.</p> <p>This can cause the heavy object to tip over or fall and cause injury.</p>	

Safety Notes

 CAUTION	
Do not move the camera while the AC power adapter is still connected. Do not pull on the connection cord to disconnect the AC power adapter. This can damage the power cord or cables and cause a fire or electric shock.	
Do not cover or wrap the camera or the AC power adapter in a cloth or quilt. This can cause heat to build up and distort the casing or cause a fire.	
When you are cleaning the camera or you do not plan to use the camera for an extended period, remove the battery and disconnect and unplug the AC power adapter. Failure to do so can cause a fire or electric shock.	
Using a flash too close to a person's eyes may temporarily affect the eyesight. Take particular care when photographing infants and young children.	

 CAUTION	
Do not use the AC power adapter when the plug is damaged or the plug socket connection is loose. This could cause a fire or electric shock.	
Request regular internal testing and cleaning for your camera. Build-ups of dust in your camera can cause a fire or electric shock. ● Contact your FUJIFILM dealer to request internal cleaning every 2 years.	

EC Declaration of Conformity

We
Name :
Address :

Fuji Photo Film (Europe) G.m.b.H.
Heisenstrasse 31
40549 Dusseldorf, Germany

declare that the product

Product Name : FUJIFILM DIGITAL CAMERA FinePi6900 ZOOM
Manufacturer's Name : Fuji Photo Film Co., Ltd.
Manufacturer's Address : 26-30, Nishiazabu 2-chome, Minato-ku,
Tokyo 106-8620, Japan

is in conformity with the following Standards

Safety : EN60065
EMC : EN55022 : 1998 Classe B
EN55024 : 1998
EN61000-3-2 : 1995 + A1:1998 + A2:1998

following the provision of the EMC Directive (89/336/EEC, 92/31/EEC and 93/68/EEC) and Low Voltage Directive (73/23/EEC).

CE

Dusseldorf, Germany May 1, 2001


Place

Date

Signature/Managing Director



Bij dit product zijn batterijen geleverd. Wanneer deze leeg zijn, moet u ze niet weggooien maar inleveren als KCA

 **FUJIFILM**

FUJI PHOTO FILM CO., LTD.
26-30, Maruzabou 2-chome, Minato-ku, Tokyo 106-8630, Japan

Printed in Japan

Printed on recycled paper.

FGS-103104-FG