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COMPACT CAMERA

HEAVY-DUTY CAMERA 35mm ALL-WEATHER CAMERA WITH BUILT-IN FLASH AND

OWNER'S MANUAL BEDIENUNGSANLEITUNG MODE D'EMPLOI MANUAL DE INSTRUCCIONES



#### NAMES OF PARTS

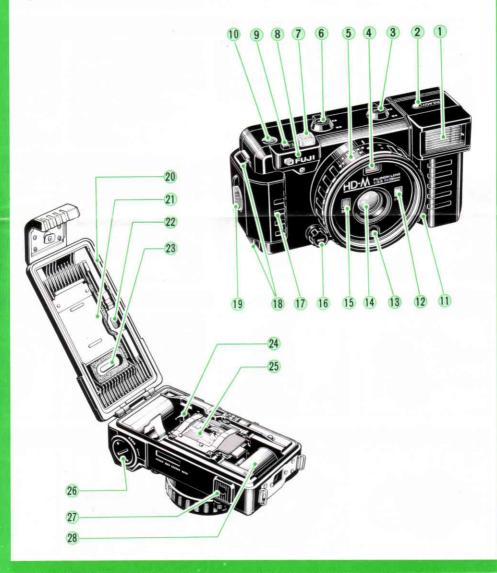
(When reading this manual, leave this page open for quick reference)

#### **BEZEICHNUNG DER TEILE**

(Wenn Sie diese Bedienungsanleitung lesen, diese Seite zwecks schneller Referenz aufgeschlagen lassen) NOMENCLATURE

(Lors de la lecture de cette brochure, laisser cette page ouverte pour une référence rapide) NOMENCLATURA

(Cuando lea este manual, deje esta página abierta para que pueda consultarla con rapidez.)







#### ABRIDGED INSTRUCTIONS

(For full instructions, refer to the pages in parentheses)

#### KURZANLEITUNG

(Für ausführliche Erläuterungen muß auf die Seiten in Klammern Bezug genommen werden)

#### RÉSUMÉ DES EXPLICATIONS

(Pour les détails, se reporter aux pages indiquées entre parenthèses)

#### INSTRUCCIONES ABREVIADAS

(Para instrucciones completas, consulte las páginas indicadas entre paréntesis)

#### Load the batteries (P.15)

With a coin, open the Battery Compartment Cover, insert the batteries, then screw the Cover in tightly.

#### Einsetzen der Batterien (Seite 29)

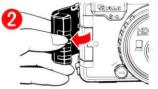
Den Batteriefachdeckel mit einer Münze öffnen, die Batterien einsetzen und danach den Deckel wieder fest aufschrauben.

#### Mattre les piles en place (P.46)

Ouevrir le couvercle du compartiment des piles à l'aide d'une pièce, mettre les piles en place puis visser le couvercle à fond.

#### Carga de las pilas (P.62)

Abra la tapa del compartimiento de las pilas con una moneda, inserte las pilas y atomille firmemente la tapa.



#### Open the camera back (P.16)

To open, turn the Clamp Lock to "O" (Open) then release the Camera Back Clamp.

## Öffnen der Kamerarückwand (Seite 30)

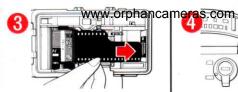
Den Verschlußbügel-Entriegelungsknopf auf "O" (offen) drehen und dann den Rückwand-Verschlußbügel loslassen.

#### Ouvrir le dos de l'appareil (P.47)

Pour ouvrir, tourner le verrou de la patte d'attache sur "O" (Ouvert) puis libérer la patte d'attache du dos de l'appareil.

## Apertura del respaldo la cámara (P.63)

Para abrirla, gire el seguro del fijador a la posición "O" (apertura) y suelte el fijador del respaldo.



Load the film (P.16)

Open the Pressure Plate, set the film tip to the Film-tip Setting Mark, close the Pressure Plate, close the Camera Back and clamp it, then turn the Clamp Lock to "L" (Lock).

#### Den Film einlegen (Seite 30)

Die Andruckplätte öffnen, den Filmvorspann bis zur Filmvorspann-Einstellmarke herausziehen, die Andruckplatte schließen, die Kamerarückwand schließen und mit dem Verschlußbügel verriegeln. Danach den Verschlußbügel-Entriegelungsknopf auf "L" (Soerre) stellen.

#### Mettre le film en place (P.47)

Ouvrir la plaque presse-film, placer l'amorce du film sur la marque de mise en place de l'amorce du film, fermer la plaque presse-film, fermer la dos de l'appareil et l'attacher puis ramener le verrou de la patte d'attache sur "L" (Fermé).

#### Carga de la película (P.63)

Abra la placa presora, ponga la punta de la película en la marca de ajuste de la punta de la película, cierre la placa presora, cierre el respaldo de la camara y fijelo, y luego vuelva a poner el seguro del fijador en la posición "L" (seguro).



Position the first frame (P.16)

Unlock the Shutter Release then trip the shutter until the Exposure Counter shows "f".

#### Einstellen des Films auf die erste Aufnahme (Seite 31)

Die Auslösersperre entriegeln und den Auslöser solange drücken, bis das Bildzählwerk "1" anzeigt.

## Mettre la première vue en place (P.48)

Déverrouiller le déclencheur et déclencher jusqu'à ce que le compteur de vues indique "f".

#### Avance al primer fotograma (P.64)

Quite el seguro del disparador y oprima el disparador hasta que el contador de exposiciones indique "I"



Set the film speed selector (P.17)

Turn the Film speed Selector and set the number in the Film Speed Window to the speed of the film you are using.

## Fillmempfindlichkeitswähler einstellen (Seite 31)

Die Filmempfindlichkeitswählscheibe auf die Empfindlichkeit des eingelegten Films einstellen. Der Filmempfindlichkeitswert im Anzeigefenster muß mit dem des in der Kamera befindlichen Films übereinstimmen

## Régler le sélecteur de sensibilité du film (P.48)

Faire tourner le sélecteur de sensibilité du film et régler le chiffre dans la fenètre de sensibilité du film pour le type de film utilisé

## Ajuste del selector de sensibilidad de la película (P.64)

Gire el selector de sensibilidad de la película hasta que vea por su ventanilla la sensibilidad de la película que está utilizando

1



#### Focus the lens (P.17)

Focus the lens by turning the Distance Ring then trip the shutter to take your picture.

#### Scharfeinstellung (Seite 32)

Das Objektiv durch Drehen Entfernungseinstellrings scharf einstellen und dann den Auslöser durchdrücken.

#### Mise au point (P.49)

Mettre l'objectif au point en faisant tourner la baque de distance puis appuyer sur le déclencheur pour prendre la photo.

#### Enfoque del obietivo (P.65)

Enfoque el objetivo girando al aro de distancias. Oprima el disparador para tomar la fotografía.

## www.orphancameras.com



#### Taking flash pictures (P.18)

Turn on the Flash Switch, wait until the Flash Ready Lamp turns on then trip the shutter.

#### Blitzaufnahmen (Seite 32)

Den Blitzschalter einschaften, abwarten bis die Blitzbereitschaftslampe aufleuchtet und dann den Auslöser durchdrücken.

#### Prise de vue au flash (P.49)

Placer le commutateur du flash sur ON (marche), attendre jusqu'à ce que le témoin de charge du flash s'allume puis déclencher.

#### Fotografía con flash (P.65)

Active el interruptor del flash, espere hasta que se encienda el piloto de puesta a punto del flash y oprima el disparador.



#### Automatic film rewinding (P.19)

After exposing the last frame, trip the shutter once or twice so that the film will rewind by itself. When the film stops rewinding and the Exposure Counter returns to "S", unload the film.

#### Automatische Fillmrückspulung (Seite 33)

Nach der letzten Aufnahme den Auslöser ein- bis zweimal durchdrücken, um die automatische Filmrückspulung in Betrieb zu setzen. Sobald die Rückspulung beendet ist und das Bildzählwerk auf "S" zurückkehrt, kann der Film herausgenommen werden.

#### Rebobinage du film automatique (P.50)

Après avoir exposé la dernière vue, enfoncer le déclencheur une ou deux fois de manière à ce que le film se rebobine de lui-même. Lorsque le rebobinage du film s'arrête et que le compteur de vues indique "S" retirer le film

#### Rebobinado automático de la película (P.66)

Después de exponer el última fotograma. oprima el disparador una o dos veces más para que la película se rebobine automáticamente. Descarque la película cuando se hava acabado el rebobinado y el contador de exposiciones vuelva a la posición "S".

This manual will show you how to use your Fuji Compact Camera HD-M Correctly. Please follow the instructions carefully.

Fuji Compact Camera HD-M— A heavy-duty, allweather 35mm compact with built-in flash and motor drive.

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Your Fuji HD-M is a rigidly built, all-weather 35 mm camera of an entirely new era. It is equipped with built-in motor drive and can be used under the most adverse environmental conditions. It will also let you take underwater pictures.

- The tight, waterproof construction of the Fuji HD-M lets you take pictures under all weather conditions. It is especially useful for taking ocean pictures in summer and mountain snow scenes in winter.
- It can also be used for taking underwater pictures up to a depth of 2 meters.
- Designed to accept ultra-high-speed ISO 1600 film and provided with built-in flash, it will let you take perfectly exposed pictures under all lighting conditions
- It winds and rewinds the film automatically and stops by itself when rewinding is completed.
- Its built-in self-timer lets you take souvenir pictures of yourself in the mountains and other remote places.
- Its real-image viewfinder provides clear, crisp views of your subject.
- To let you take close-ups without bothering about parallax, it is built so that close-up lenses (commercially available) will cover both the lens and viewfinder.

#### NAMES OF PARTS

- 1 Flash Lampface 2 Flash Ready Lamp
  - Flash Switch
- Viewfinder
- **(5**) Distance Ring
- **(6**) Self-timer Switch
- (Ī) Shutter Release (8)
- Shutter Release Casing Shutter Release Lock
- (10) **Exposure Counter**
- (11) Film Speed Selector (12) Film speed Window
- (13) CdS Light Sensor
- Ĭ Lens
- (15)
- Self-timer Lamp (16) Film Rewind Knob
- (17) Camera Back Clamp
- (18) Strap Lug
- (19) Clamp Lock 20 **Rubber Gasket**
- Camera Back
- (22) Viewfinder Eyepiece 23) Film Confirmation Window
- 24) Film Rewind Spindle
- (25) Pressure Plate
- 26) **Battery Compartment Cover**
- (27) Tripod Socket
- Take-up Spool

#### www.orphancameras.com KEEPING YOUR CAMERA IN GOOD OPERATING CONDITION

- After taking seaside pictures with your camera, or if it is smeared with mud. chemical fluids, or solvents, be sure to wash it clean with fresh water, then wipe it dry with a piece of soft, clean cloth.
- Avoid getting water droplets and moisture in the camera interior, and make sure the camera is thoroughly dry before loading film or batteries in
- Water may leak through if there is sand or grit on the camera-back gasket or the O-ring in the battery compartment cover when they are closed. When changing film or batteries, make sure the gasket and O-ring are clean. (Fig.1)
- Water may leak through if the following parts are damaged: (1) the rubber gasket in the camera back, (2) the rubber O-ring in the battery compartment cover. (3) the parts of the camera that come into contact with the rubber gasket and O-ring. In case of damage, be sure to consult your camera
- When taking seaside pictures, the shutter release casing may collect sand and prevent the shutter release from operating smoothly. To remove the sand, place the shutter release under a faucet and flush the water on it with full force.

shop or Fuii Distributor.

#### **GETTING READY TO TAKE PICTURES**

#### 1. ATTACHING THE LENS CAP AND STRAP

Attach the lens cap

Fit the end of the Lens Cap thong on the camera's Strap Lug as shown. (Fig.2)

Attach the strap

Pass one end of the Strap through the same Strap Lug.

6 Lock the strap

Pass the strap end back through the Strap Hoop and lock it in the Buckle. (Do the same with the other end of the strap). (Fig.3)

Carrying the camera

The three Strap Lug on the camera can be used for hanging the camera either horizontally or vertically from the neck. (Fig.4)

#### 2. LOADING THE BATTERIES

- **1** Open the battery compartment cover
- Use two alkaline-manganese penlight batteries (LR 6).
- With a coin, open the Battery Compartment Cover in the camera bottom by turning it to the left. (Fig.5)
- **Q** LOAD THE BATTERIES
- Wipe both end of the batteries clean with a piece

of dry cloth then insert them in the Battery Compartment, plus (+) and minus (-) ends correctly as illustrated in the Battery Compartment. (Fig.6)

 Next, replace the Battery Compartment Cover and screw it in tightly. (As a safety measure, the camera is built so that it won't operate unless the Battery Compartment Cover is screwed in tightly enough.)

#### **Battery notes and cautions**

- To prevent water leakage and faulty power contact, be sure to screw the Cover in tightly.
- If there is sand on the Battery-Cover O-ring, wash it off with fresh water then dry it thoroughly before replacing the Cover.
- For best results, use high performance alkalinemanganese batteries (LR 6).
- Be sure to change the batteries as soon as they start to show wear because the shutter will not operate if the battery power is too low.
- If you are not using your camera for a month or more, remove the batteries before putting it away because battery leakage can cause irreparable damage to your camera.
- If you are shooting in freezing weather, carry the camera inside your jacket and take it out only when it's needed because low temperatures will reduce battery efficiency.
- Always change the two batteries at the same

time and make sure the new batteries are of the same type and brand.

#### 3. LOADING THE FILM

#### Film to use

Use any commercially available encartridged 35mm roll film. (Fig.7)

- When you use film designed for special purpose, caution is required because correct exposure or normal film advance may not be possible.
- Unlock the camera back clamp Unlock the Camera Back Clamp by switching the Clamp Lock to "O" (Open). (Fig.8)
- Release the camera back clamp Release the Camera Back Clamp by pushing it back, and open the Camera Back. (Fig.9)
- Open the pressure plate Open the Pressure Plate by lifting the loose end up as shown. (Fig.10)
- O Load the film Insert the film slantwise into the Film Chamber as shown. (Fig.11)

#### Caution

When loading film, avoid direct sunlight, water sprays, and sand. Also, make sure your hands are dry and free of sand and dirt.

Position the film tip Pull the film out so that the tip reaches the Film Tip mark (red line in the far end of the camera body).

- Make sure the film tip is not bent.(Fig.12)
- 6 Close the pressure plate Make sure the film perforations are engaged with the sprocket teeth then close the Pressure Plate. Press it down lightly so that it sets in place with a click. (Fig.13)

#### Cautions

- ●The film must be passed under the Pressure Plate.
- Make sure the film is running between, and not on, the Film Guide. (Fig.13)
- Close the camera back Close the Camera Back then shut the Camera Back Clamp and press it down so that it locks with a loud click.

#### Caution

Before closing the Camera Back, make sure the gasket is free of sand and grit.

- O Lock the camera back clamp Lock the Camera Back Clamp by switching the Clamp Lock to "L" (Lock). (Fig.14)
- Unlock the shutter release To unlock, push the Shutter Release Lock to the right so that it uncovers a red dot. (Fig.15)
- Position the film for the first shot While watching the Exposure Counter, press down the Shutter Release. Repeat until the number "1" shows in the Exposure Counter. (Fig. 16)

 If the markings in the Exposure Counter move when you trip the shutter, the film is advancing as it should. If they don't, you'll have to reload the film correctly.

#### Caution

If you are not taking pictures immediately, always lock the Shutter Release so that you won't trip the shutter inadvertently.

#### 4. SETTING THE FILM SPEED SELECTOR

Check the film confirmation window

The Film Confirmation Window will show you at a glance the type of film you have loaded in the camera, the number of exposures it will yield, and its ISO speed. (Fig.17)

2 Set the film speed selector

While watching the Film Speed Window, turn the Film Speed Selector (marked "ISO") and set it for the speed of the film loaded in the camera. (Fig. 18)

#### Note

The Film Speed Selector permits ½-step settings and can be used for fine exposure control (fractional exposure control).

#### TAKING PICTURES

#### 1. TAKING PICTURES IN BRIGHT LIGHT

#### Focus the lens

With your eye, estimate the distance from camera to subject, then turn and set the Distance Ring to that distace. (Fig.19)

 The Distance Ring has four click stops but you can set it to any distance in-between.

## 2 Look through the viewfinder The Zone Focusing Symbols that

The Zone Focusing Symbols that appear just above the Viewfinder frame are interlocked with the Distance Ring. (Fig.20)

<b>A</b>	iii	ii	•1
	3m	1.5m	1 m

#### 1 Press down the shutter release

Compose your picture and take it by pressing down the Shutter Release.

 To avoid camera shake, press your elbows tightly against the sides of your chest and press the Shutter Release gently down.

#### Notice

If you can't trip the shutter.....

- The Shutter Release is locked.
- 2 The Batteries are incorrectly loaded.
- The Batteries are exhausted.
- The Battery Compartment Cover is not screwed

in tightly enough.

#### 2. TAKING FLASH PICTURES

Press the shutter release about halfway down Look through the Viewfinder and press the Shutter Release about halfway down. If a red light turns on just below the Viewfinder frame, you'll have to use flash because the light is too dim for taking non-flash pictures.

2 Turn on the flash switch

Turn the Flash Switch to "ON", wait until the Flash Ready Lamp turns on, then take your picture.

 If it takes more than 30 seconds for the Flash Ready Lamp to turn on, the batteries need changing. (Fig.21)

#### Caution

- If you trip the shutter before the Flash Ready Lamp turns on, your picture may turn out underexposed.
- If you leave your camera with the Flash Switch on, the batteries will be drained in about 10 hours.
- Second Flash Shooting range

Film Speed	(ISO)	Shooting Distance (m)
100		1.0 - 4.3
400	- '	1.0 8.5
1600		1.0 — 17

• The shooting range of the flash depends on the speed of the film—the faster the film, the longer the shooting range.

Using the flash as fill-in light

Taken with flash (Fig.22)

Taken without flash (Fig.23)

The faces of people standing in front of a window, in the shade of a tree, or with the sun behind them will turn out dark if they are taken without fill-in light. But the same pictures will turn out beautifully if they are taken with flash.

#### 3. USING THE SELF-TIMER

#### Switch on the self-timer

Just switch the Self-timer Switch to "ON". (Fig. 24)

#### Caution

If you switch off the Self-timer while it is running, the shutter will trip and it will stop running.

Press down the shutter release

As soon as you press down the Shutter Release, the Self-timer will start running and the Self-timer Lamp will turn on. The Lamp will show a steady light for 7 seconds then start to blink, and in 3 seconds the shutter will trip. (Fig.25)

After taking your self-timer picture, be sure to turn off the Self-timer Switch

- 4. END OF FILM
- Automatic film rewinding

After you complete exposing your roll of film, cover the lens with the Lens Cap and trip the shutter once or twice. The camera's film rewind mechanisms will take over from there and automatically wind the film back into its cartridge.

End of film rewind While the film is rewinding, the Exposure Counter will count backward then automatically stop when it reaches "S" (Start). (Fig.26)

Notice

The film may not rewind by itself if the batteries are worn out. This means you'll have to turn the Film Rewind Knob to rewind it, and if that doesn't work, you'll have to change the batteries.

Rewinding in mid-roll

To rewind the film in mid-roll, just turn the Film Rewind Knob toward the arrow. (Fig.27)

Cautions

 Be careful how you use the Film Rewind Knob because once the film starts rewinding there's no way to stop it.

 If you turn the Film Rewind Knob when there isn't any film in the camera, the Shutter Release will lock and you'll have to open the Camera Back to unlock it.

 Do not turn the Film Rewind Knob while the Selftimer is running because the shutter will trip even while the film is rewinding.

• If you have used the Film Rewind Knob to rewind the film, do not press down the Shutter Release because the shutter will trip while the film is running.

Rewinding completed

After the film has stopped rewinding, check the Exposure Counter to make sure it has returned to "S", then release the Camera Back Clamp and open the Camera Back. (Fig.28)

Unload the film Just take the film out of the camera with your fingers and bring it to your photofinisher as soon as possible. (Fig.29)

Notice

• Don't try to squeeze more than the prescribed number of pictures into your film, especially if it is an important one, because your photofinisher may have to cut off part of the last excess frame in your roll or he may not be able to print it at all.

If your camera is wet with water droplets, wipe off thoroughly with a piece of soft, dry cloth and make sure it is free of sand and grit before opening the Camera Back.

 After the film has stopped rewinding, the camera motor may turn a bit when you open the Camera Back, but just ignore it because it doesn't mean there is anything wrong with the camera.

#### TAKING UNDERWATER PICTURES

 Your camera will let you take underwater pictures up to a depth of 2 meters.

The following reminders should help you to take better underwater pictures.

Aim slightly downward

Rather than straight ahead, aim your camera slightly downward at your subject.

Focus the lens as you see it Through your diving glass, the distance will appear about 25% nearer than it really is, but your camera lens will also see it the same way, so just measure the distance with your eye and set the Distanc Ring accordingly.

Move close to your subject Since sea water is full of plankton and other suspended matter, and distant objects tend to lose their color brightness as well as dark and bright shadings, always move up as close as possible to your subject to take your pictures.

Taking daylight pictures

To take daylight pictures underwater, shoot between 10:00 a.m. and 2:00 p.m. when the sea

is calm.

Taking flash pictures

To avoid irregular reflections from suspended particles in the water, move as close as possible to your subject to take your pictures.

#### Notice

- When closing the Camera Back and Battery Compartment Cover, make sure the rubber gasket and O-ring are free of sand and debris.
- After taking pictures in sea water or sea-water atmosphere, always wash the camera with fresh water.

# www.orphancameras.com camera faults, possible causes, and remedies

Faults	Possible Causes	Remedies	See Page
The shutter won't trip.	<ul> <li>The batteries are worn out.</li> <li>The Shutter Release is locked.</li> </ul>	Change the batteries.     Unlock the Shutter Release.	15,16 17
	The batteries are not loaded correctly.	Reload the batteries plus and minus ends correctly.	15
	The Battery Compartment Cover is not screwed in tightly enough.	Screw in the Battery Compartment Cover tightly.	15
	You turned the Film Rewind Knob. (This applies only when there isn't film in the camera).	Open the Camera Back to unlock the Shutter Release.	19
The batteries wear out quickly although the	You are using manganese batteries.	Use a pair of new alkaline- manganese batteries.	15
camera is not used very much.	You forgot to turn off the Flash Switch.	After you are through taking flash pictures, be sure to turn off the Flash Switch.	18
The film doesn't wind.	The batteries are worn out.	Change the batteries.	15
	2 Low temperature has tempo- rarily reduced battery effici- ency.	Weep the camera warm and take it out only when it's needed.	16
	You didn't bring the film tip up to the Film Tip Mark.	Open the Camera Back and bring the film tip up to the Film Tip Mark.	16

Faults	Possible Causes	Remedies	See Page
The prescribed number of pictures has been taken but the film won't rewind by	The film must be advanced a frame or two further before it will start rewinding.	Trip the shutter once or twice more and if that doesn't do the job, turn the Film Rewind Knob.	19
itself.	2 The batteries are worn out.	2 Change the batteries.	15
The camera leaks.	<ul> <li>The Camera-Back gasket or Battery-Cover O-ring is spot- ted with sand or grit.</li> <li>Either the Camera-Back gasket or the part of the</li> </ul>	Make sure the Camera-Back gasket and Battery-Cover Oring are free of sand and grit before closing the Camera Back.      Take your camera to your camera shop or Full Distribut	14
	camera body that comes into contact with the gasket is damaged.	camera shop or Fuji Distribut- or for repairs.	
The inner side of the Protective Front Glass or Viewfinder is clouded.	Water droplets got into the camera when you loaded film in it or changed the batteries.	Take every care to prevent water droplets and moisture from getting into the camera when you load film or change batteries.	14,25

# www.orphancameras.com PRINT FAULTS, POSSIBLE CAUSES, AND REMEDIES

Faults	Possible Causes	Remedies	See Page
The picture looks fuzzy.	<ul> <li>You forgot to focus the lens.</li> <li>The Protective Front Glass was either dirty or spotted with water droplets.</li> </ul>	<ul> <li>Don't forget to focus the lens.</li> <li>Keep the Protective Front Glass clean at all times.</li> </ul>	17 25
	The inner side of the Protective Front Glass was clouded.	When loading film, make sure you don't get water droplets in the camera.	14,25
	You shook the camera when you took your picture.	Hold the camera still until you finish tripping the shutter.	17
The picture looks dark.	You took the picture against the light.	Use the camera's flash as fill- in light.	18
	You didn't use the flash cor- rectly.	If the Underexposure Warning Lamp turns on, switch on the Flash and wait until the Flash Ready Lamp turns on before you trip the shutter.	18
	Your subject was beyond the range of your camera's flash.	Always shoot within the flash's covering range.	18
	The Film Speed Selector was set for a faster film than the one you used.	Set the Film Speed Selector to match the speed of the film you are using.	17

Faults	Possible Causes	Remedies	See Page
The last picture you took was not printed.	You squeezed an extra pictures into your film.	Do not try to squeeze an extra picture into your film, especially if it is an important one, because photo-finishing conditions sometimes do not permit accomodating more than the prescribed number of frames per roll.	19

#### **HD-ACCESSORIES**

#### Chest Harness

This special strap is used in combination with the neckstrap (carrying strap) to secure the camera tightly to the chest so that the arms and hands are left free for action. An excellent accessory to take with you on your mountain-climbing, cycling, boating, and angling expeditions. (Fig. 30)

 This Chest Harness will accept practically any type of camera.

#### Film Case

This watertight case is used for protecting your film from rain and water sprays both before and after exposure. It can be attached to the carrying strap. (Fig.31)

#### ● Floating Bag (27.0 × 29.5 cm)

This waterproof bag is made of nylon taffeta and will float on water. It is made to protect your camera from scrapes and bumps. It can also be used for protecting your ordinary camera, film, and small accessories from ocean sprays and rain. (Fig.32)

#### Camera Float

Filled with air and attached to the neckstrap, it prevents the camera from sinking. It lets you take underwater pictures or go sailing or boating without worrying about losing the camera. **(Fig. 33)** 

#### Lens Hood

- It eliminates ghost and flare from pictures taken in strong sunlight.
- In rainy weather, it prevents water droplets from

- attaching to the camera's Protective Front Glass
- It will also protect the camera from bumps against the front.
- It accepts any commercially available 67 mm filters and close-up lenses. (Fig.34)

#### **CAMERA CARE**

- To wash your Fuji HD-M, close the Camera Back tightly then rinse off the exterior with a piece of soft cloth soaked with water or turn on the faucet so that the water flows gently and let the water run over the camera exterior. Sand and debris in hollows and indentations are removed with the light strokes of a soft brush. After washing, wipe off moisture thoroughly with a piece of soft, dry cloth.
- If the camera interior is soiled, wipe off carefully with a soft and dry silicon cloth.
- If any one of waterproofing elements is damaged, water will leak through and damage the camra. In case of trouble, take your camera to your camera shop or Fuji Distributor for repairs; it should never be taken apart except by a qualified service technician
- Take special care to keep the Protective Front Glass and Viewfinder Eyepiece free of dirt and fingermarks. In case they are soiled, wipe off carefully with a piece of soft cloth or with Fuji

Lens Cleaning Paper moistened slightly with Fuji Lens Cleaning Fluid.

- In hot weather, do not leave your Fuji HD-M in direct sunlight or in the glove compartment of your car or anywhere else where heat can accumulate except temporarily for a very short time.
- If you are not using your camera for a month or more, remove the batteries and keep it away from heat, moisture, and dust.
- Keep the camera interior dry at all times because water droplets and damp air trapped in the camera innards can cause the Protective front Glass to cloud when the temperature drops suddenly.

#### **SPECIFICATIONS**

- Film
  - 135 roll film.
- Picture Size 24 × 36 mm
- Lens
- Fujinon 1: 2.8, 38 mm, 3 components, 4 elements.
- Viewfinder
  - Real image, 0.41x magnification, 83% field of view, underexposure warning lamp(red), zone focusing symbols.
- Focusing
   Visual estimation (provided with distance scale

and zone focusing symbols),  $1 \, \text{m} - \infty$  focusing range.

Shutter

Programmed electronic shutter; continuous shutter speed from 1/8 - 1/500 sec.

Exposure Control

Fully automatic using CdS light sensor; EV 6 - 17 (ISO 100) light metering range.

 Film Speed Setting Manual from ISO 100 - 1600 with provision for 1/2step setting.

Film Loading
 Simplified loading and automatic threading.

● Film Transport

Automatic, motorized film winding, rewinding, and stop; provision for rewinding in mid-roll.

Expousure Counter
 Additive (also serves as film winding indicator);
 counts backward and resets to "S" (Start) on rewindia.

● Built-in Flash

Guide number 12 (ISO 100 • m); 1-4.3 m flash range with ISO 100 film, 1-8.5 m (ISO 400), 1-17 m (ISO 1600), flashmatic operation.

 Battery & Battery Life
 Two alkaline-manganese penlight batteries (LR6), about 280 exposures if 50% is flash exposed (equivalent to 12 24- exposure rolls).

Body Construction

Water-proofed for all weather shooting, and

underwater photography up to 2-meter depth.

Self-timer

Electronic operation, about 10-sec. interval, provided with signal lamp.

Others

Film confirmation window, tripod socket, three strap lugs.

● Dimensions & Weight

140.5 mm  $\times$  72.5 mm H  $\times$  62 mm T ; 515 g. with batteries.

Notice: Specifications and performance are subject to change without notice.