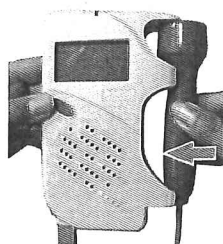


## 1 Taking Out/Placing the Probe

**Taking out the probe:** Hold the main unit with one hand. Pinch the probe and pull it outwards using mild force.



**Placing the probe:** Hold the main unit with one hand. Pinch the probe and align it with the probe holder. Push the probe inwards using mild force until it clicks in position.



Note: Take out the probe before switching on the Doppler, and place the probe after switching off the Doppler.



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## 2 Switching On/Off the Doppler

**Switching On:** Press the **POWER** button on the front panel to switch on the Doppler.

If the probe is not connected or poorly connected, the LCD displays a flashing sign "--- MHz". You should reconnect the probe properly.

When the probe is well connected, the LCD stops flashing and shows the probe frequency in the bottom right corner, for example **2 MHz**.

**Switching Off:** Press the **POWER** button on the front panel to switch off the Doppler.

For **SONOTRAX Basic**, **SONOTRAX Basic A**, **SONOTRAX Pro**, **SONOTRAX II** and **SONOTRAX II Pro**, the Doppler switches off automatically if there is no input signal or no operation is performed for 60 seconds.

## 3 FHR Examining

- 1) Confirm the fetus's position by hand and determine the probable probe location for optimal FHR examining.
- 2) Take out the probe and switch on the Doppler.
- 3) Apply a certain amount of coupling gel to the probe faceplate and place the probe against the abdomen at the predetermined location. Move the probe around or tilt it until clear and rhythmic heart sound is heard from the headphone or speaker. At the same time, a numeric FHR is displayed on the LCD (except **SONOTRAX Lite**).

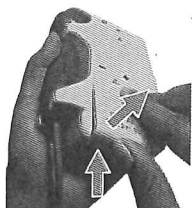
## 4 Installing the Battery

NOTE: The batteries of **SONOTRAX II** and **SONOTRAX II Pro** are fixed in the battery compartment cover. Start from step 3 for installation.

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- 1) Turn the Doppler upside down.

Hold the main unit with one hand; press the thumb of the other hand on the cover notch and push it upward and forward. The compartment cover is open.



- 2) Put the alkaline batteries or NI-MH

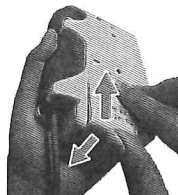
batteries into the battery compartment cover.

WARNING: The direction of the batteries should comply with the polar mark on the cover. Reversed connection is forbidden.



- 3) Put the battery compartment

cover back into the compartment, push it forward and downward until it clicks closed.



## 5 Replacing/Charging the Battery

- 1) Replacing alkaline batteries: Take out the old batteries, and install new ones with identical specifications. Dispose of the old batteries according to local regulations.

WARNING: Do not charge the alkaline batteries.

- 2) Charging NI-MH batteries: Remove the rechargeable NI-MH

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batteries from the Doppler and charge them with a NI-MH battery charger that meets the specifications (Input: AC 100-240V, 50Hz/60Hz; Output: DC 1.45V\*2, 500mA).

WARNING: Make sure that the batteries are not connected reversely before plugging the charger into the power socket.

- 3) Charging NI-MH battery pack (for **SONOTRAX II** and **SONOTRAX II Pro**): Put the plug of the power adapter into the charge socket of the Doppler, and connect the power adapter to a power supply socket (AC 100-240V, 50Hz/60Hz). During charging, the charging indicator on the Doppler lights up. When the charging indicator goes off, the battery pack is fully charged (approximately 3 to 4 hours are needed).

NOTE: The Doppler is not available for examining during charging.

## 6 Replacing the Probe

**Remove the old probe:** Switch off the Doppler. Hold the main unit with one hand and pinch the jacket of the mini USB socket. Lift the jacket up slightly and pull it out with mild force; take out the probe.

NOTE: Do not pull the probe cable directly.

**Replace it with a new probe:** Put the USB socket of the new probe into the probe interface of the Doppler.

## 7 Vascular Examining (Optional)

4MHz, 5MHz or 8MHz vascular probes are to be connected to the Doppler to perform vascular examination.

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