

## 5.5 Cleaning

### 5.5.1 Cleaning cover

When the cover or panel of the device becomes contaminated, wipe them with a soft cloth. For severe stains, wipe with a soft cloth soaked in a neutral detergent and wrung out. After that, wipe with a dry and soft cloth.



#### CAUTION

- **Never use an organic solvent such as paint thinner.**

The surfaces of the device may be ruined.

- **Never use a sponge or cloth soaked in water.**

The water may leak into the device and malfunction may result.

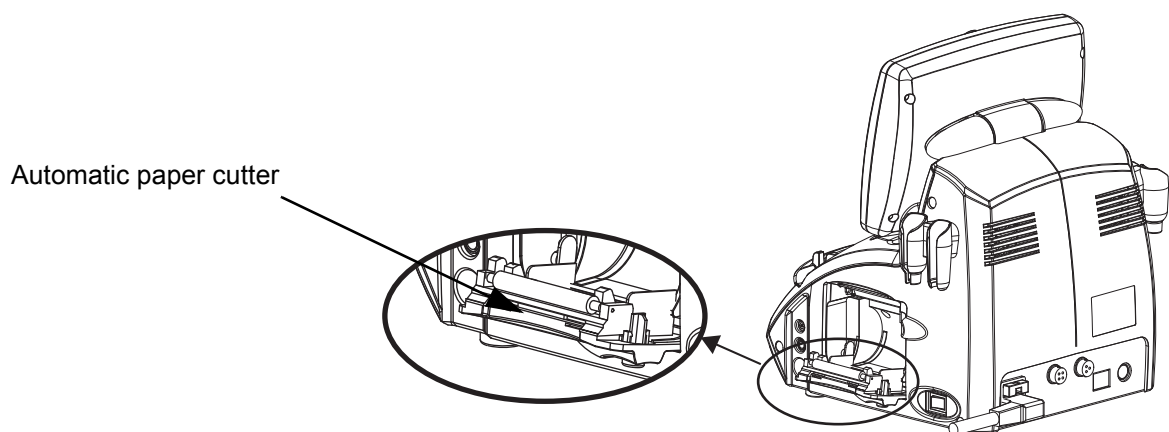
### 5.5.2 Cleaning printer

After repeated usage, the paper slot of the auto cutter of the printer is soiled with powdery paper. If powdery paper is settled, a malfunction of the auto cutter may result; clean it.

- 1** Open the printer cover and take out the printer paper.  
See "5.3 Replacing Printer Paper" (Page 114).

- 2** Apply the nozzle of a vacuum cleaner to the paper slot for the printer paper to suck powdery paper.

Never blow off powdery paper the with a blower. If powdery paper settles on the internal working structure, malfunction may result.



- 3** Set the printer paper roll as it was.

### 5.5.3 Cleaning touch screen

Soak a soft cloth in ethanol, and lightly wipe the dirty parts.

**CAUTION**

- Do not wipe the touch screen with a cloth soaked in ethanol.

If ethanol seeps into the internal structure of the touch screen through the gap between the screen and the body, the touch panel may malfunction.

- Do not use any solution other than ethanol to clean the touch screen.
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## 5.6 Maintenance of Ultrasound Probe

### 5.6.1 Cleaning ultrasound probe

Parts to be cleaned

Tip of the A-scan probe

Tip of the Pachymetry probe (only the tip for 45° detachable type)

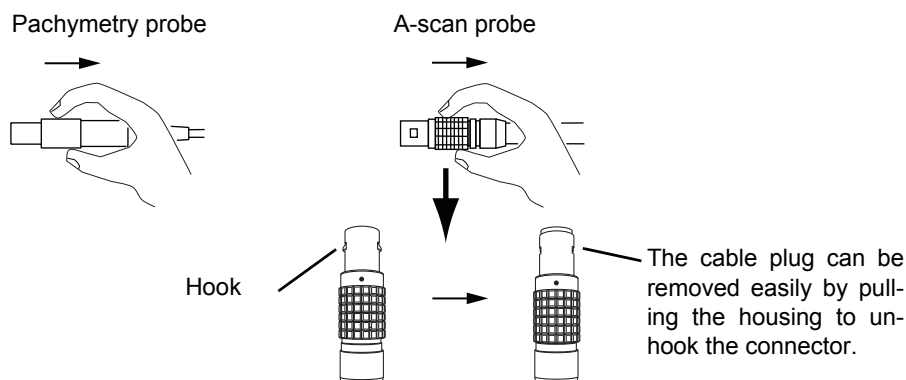
Time to perform cleaning

Before disinfection and high level disinfection

- 1** If foreign object is attached to the tip of the probe, wash the probe for five minutes in running sterile purified water or wipe off the tip with a soft cloth soaked in disinfectant alcohol to remove foreign objects from the probe for effective disinfection.



**CAUTION** • Always hold the housing of the cable plug, not the cable, when connecting or disconnecting the probe.



- Do not clean the ultrasound probe with water of 45°C (113°F) or hotter.  
The ultrasound probe may become damaged.
- Perform cleaning before the body fluid or chemical solution on the probe becomes dry.  
The body fluid and chemical solution may become difficult to remove.

## 5.6.2 Disinfecting ultrasound probe

Parts to be disinfected

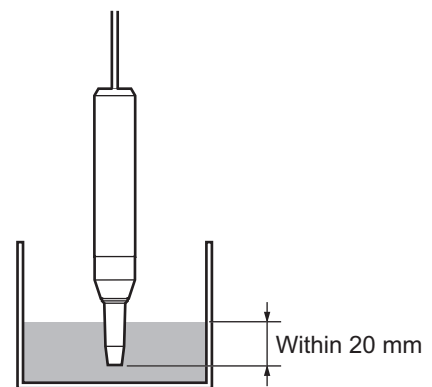
Tip of the A-scan probe

Tip of the Pachymetry probe (only the tip for 45° detachable type)

Time to perform disinfection


Before and after use of the device

- 1** Clean the tip of the probe.  
See “5.6.1 Cleaning ultrasound probe” (Page 119).
- 2** Soak the tip (less than 20 mm) of the probe in disinfectant solution.  
See the instruction of the disinfectant for the duration to soak the tip.  
ex.) Disinfectant alcohol



ex.) A-scan probe

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 **CAUTION** • See the instruction of the disinfectant for its use.

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- 3** Wipe the disinfectant solution on the tip of the probe with a sterilized absorbent cotton soaked in ethanol for disinfection.
- 4** Leave the probe sit until the tip of it becomes dry.

### 5.6.3 High level disinfection of ultrasound probe

Parts to be disinfected

Tip of the A-scan probe

Tip of the Pachymetry probe (only the tip for 45° detachable type)

Time to perform disinfection

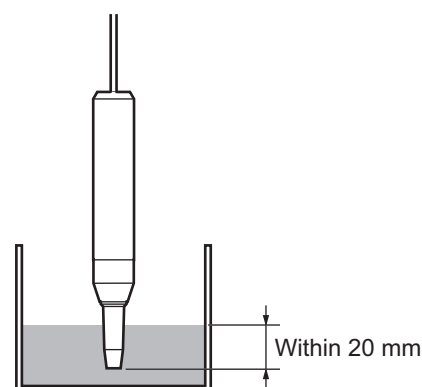
After using the probe for an infected patient

#### 1 Clean the tip of the probe.

See “5.6.1 Cleaning ultrasound probe” (Page 119).

#### 2 Soak the tip (less than 20 mm) of the probe in the glutaraldehyde solution (ex. - Cidex-plus 28 day solution<sup>\*1</sup>) for at least 30 minutes.

This is only an example of cleaning the probe tip. For details, see the instruction of the glutaraldehyde solution to be used.



ex.: A-scan probe

**CAUTION** • See the instruction of the glutaraldehyde solution for its use.

#### 3 Wash the tip of the probe that was soaked in the glutaraldehyde solution for at least 30 seconds in running sterile purified water.

#### 4 Wipe the water on the tip of the probe with a sterilized absorbent cotton.

#### 5 Leave the probe sit until the tip of it becomes dry.

#### 6 Put the protective cap on the probe and store it in the special case.

<sup>\*1</sup>.Cidexplus is a registered trademark of Johnson & Johnson.

### 5.6.4 Effectiveness of disinfectants

	General bacteria	Pseudomonas aeruginosa	Tubercle bacillus	Fungus	Spore	Hepatitis B virus	Foreign object
<b>High level disinfection</b>	O	O	O	O	O	O	-
<b>Disinfection</b>	O	O	O	O	-	O	-
<b>Cleaning</b>	-	-	-	-	-	-	O

O: Effective

- : Not effective

\* For details, see the instruction for each disinfectant.

## 5.7 List of Replacement Parts

Part name	Part number	Note
Printer paper	80620-00001	Width 58 mm, 25 m
Fuse	80402-02038	T 0.8 AL 250 V (Ø 5 x 20 mm)

\* After replacement of consumables, restock them.