

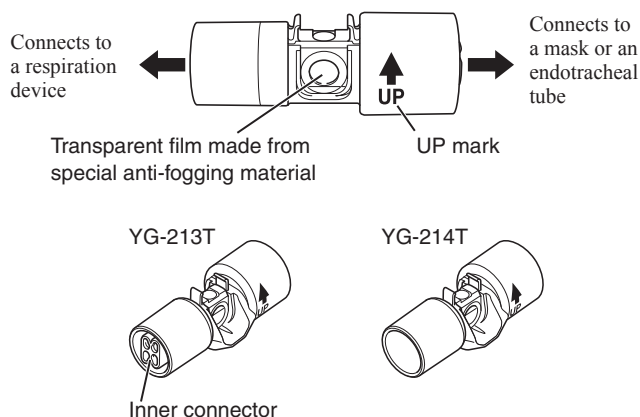
本品は、出荷される国や地域により仕様等が異なることがあります。  
 ※日本向け製品については、日本語で記載しています。  
 英語などその他の言語で記載されている内容は、日本以外に出荷される製品の説明です。

Some specifications of this product may differ depending on the destination country or region. Therefore descriptions in the Japanese manual and English and other language manuals may also differ.

Symbol	Description
	Attention, consult operator's manual
	Date of manufacture
	Lot number
	Single use only
	Expiration date
	The CE mark is a protected conformity mark of the European Community. Products marked with this symbol comply with the requirements of the Medical Device Directive 93/42/EEC.

### General

The YG-213T and YG-214T airway adapters are used with a TG-221T CO<sub>2</sub> sensor of the TG-970P CO<sub>2</sub> sensor kit to measure the partial pressure of the expired CO<sub>2</sub> of the patient.



Model	YG-213T	YG-214T
Connection	Flow sensor or respiration circuit without an inner connector	Flow sensor with an inner connector
Dead space volume	0.5 mL	1.8 mL
Flow resistance	(at 10 L/min): 0.08 kPa (8 mmH <sub>2</sub> O) or less	

### NOTE

- The airway adapter might not be usable depending on the ventilation or leak condition.
- Read the operator's manual for the monitor, CO<sub>2</sub> sensor and CO<sub>2</sub> sensor kit together with this manual.

This airway adapter can be used with Nihon Kohden monitors which measure the partial pressure of the expired CO<sub>2</sub>. Refer to the operator's manual for your Nihon Kohden monitor to check if the airway adapter can be used with your Nihon Kohden monitor.

### WARNING

When using the airway adapter on a patient with low ventilatory volume, check the ventilation taking into consideration the dead space. If the dead space ratio against the ventilatory volume increases, a proper ventilation might not be performed. Also, a correct measured value might not be obtained due to the dead space.

### CAUTION

Select the airway adapter taking into consideration the patient weight and ventilation volume. If an inappropriate airway adapter is used, the resistance in the respiration circuit may increase and it may cause incorrect measurement value.

### CAUTION

The airway adapter is non-sterilized and disposable. Use only for a single patient and single use. Failure to follow this instruction may cause cross infection.

### CAUTION

Do not connect the YG-214T airway adapter to a flow sensor or respiration circuit without an inner connector. The measurement is easily affected by the steady flow and the measured value may be inaccurate.

### CAUTION

Only use the specified airway adapter. Otherwise, the maximum performance cannot be guaranteed due to larger dead space volume, leak or insecure circuit connection, etc.

### CAUTION

Failure to follow the instructions below degrades the anti-fogging ability of the transparent film and results in incorrect measurement.

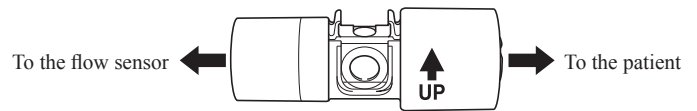
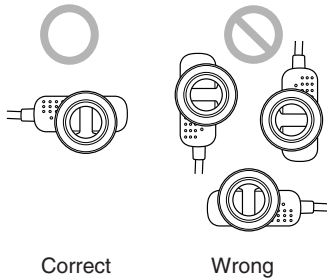
- Replace the airway adapter with a new one every 72 hours.
- Replace the airway adapter with a new one if blood, sputum or mucus adhere to the transparent film.
- Do not damage the transparent film. Do not let dust or detergent contact the transparent film. Do not touch, wipe or clean the transparent film with fingers or cleaners.
- Do not use airway adapters which are past the expiration date.

### CAUTION

Fix an intubation tube to the breathing circuit so as not to bend the tube. Otherwise, flow resistance may increase.

### CAUTION

Connect the airway adapter to the respiration circuit so that the UP mark on the airway adapter faces upward. Otherwise, water droplets may get into the airway adapter and affect the measurement accuracy.



### Expiration Date of the Airway Adapter

This airway adapter is disposable. The expiration date is 36 months from the date of manufacture.

### Cleaning and Disinfection

This airway adapter is disposable. You cannot clean or disinfect them. Immediately replace the airway adapter with a new one when it becomes dirty.

### Disposal

Follow your local laws for disposing of infectious medical waste.

### Specifications

#### Operating Environment

Temperature: 10 to 40°C (50 to 104°F)  
Humidity: 30 to 85% (noncondensing)  
Atmospheric pressure: 700 to 1060 hPa

#### Storage Environment

Temperature: -20 to +65°C (-4 to +149°F)  
Humidity: 10 to 95%  
Atmospheric pressure: 700 to 1060 hPa

### Options

Description	Model	Q'ty	Supply Code
CO <sub>2</sub> sensor kit	TG-970P	1	P909
CO <sub>2</sub> adapter	JG-970P	1	K987
CO <sub>2</sub> sensor	TG-221T	1	P924

### CAUTION

United States law restricts this product to sale by or on the order of a physician.

### NOTE

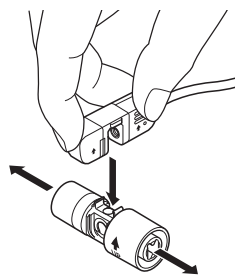
- Open the package just before use.
- Connect both sides of the airway adapter securely. If there is a leak, correct measurement value cannot be obtained.
- Do not leave the airway adapter in a place with high temperature such as on a dashboard of a car. This may deform the airway adapter and cause inaccurate measurement.
- When the airway adapter is used with a humidifier, water droplets accumulate in the adapter and the measurement may be incorrect. Periodically remove water droplets from the breathing circuit.
- Do not use a deformed or broken airway adapter.
- Do not connect the airway adapter at an angle or put extra weight on them. This may break them.

### Connecting or Replacing the Airway Adapter

Align the CO<sub>2</sub> sensor to the groove of the airway adapter and insert the sensor until it clicks.

Refer to the operator's manual of the CO<sub>2</sub> sensor kit together with this manual.

When removing the airway adapter, hold the CO<sub>2</sub> sensor by the ridges and pull it straight up.



### NOTE

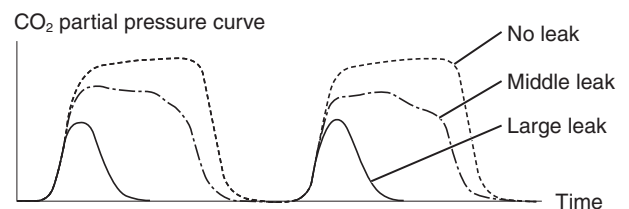
Do not pull the CO<sub>2</sub> sensor cable. This may break the cable.

### Connecting to a Breathing Circuit

Connect the thick part of the airway adapter to the patient's mask or tracheal tube and the thin part to the resuscitation bag or respirator.

### NOTE

- Fix an endotracheal tube to the breathing circuit so as not to bend the tube.
- When using the airway adapter with a steady flow type respirator, the CO<sub>2</sub> partial pressure curve may be unstable at the end-expiration in which a breath flow is low depending on the setting of the respirator.
- When there is a large leak around endotracheal tube, the CO<sub>2</sub> partial pressure curve may be incorrect.



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