

# Airway Adapter

## YG-211T

## Neonatal/Infant Airway Adapter

## YG-213T, YG-214T

### General

The YG-211T, YG-213T and YG-214T airway adapters are used with a TG-221T CO<sub>2</sub> sensor of the TG-970P or TG-971T4 CO<sub>2</sub> sensor kit or a TG-980 series<sup>1</sup> or TG-940 series<sup>2</sup> CO<sub>2</sub> sensor kit to measure the partial pressure of the expired CO<sub>2</sub> of the patient.

<sup>1</sup> TG-980P, TG-980P1, TG-980P2, TG-981T, TG-981T1, TG-981T4, TG-981T5, TG-981T6, TG-981T7, TG-981T8, TG-981T9

<sup>2</sup> TG-940P, TG-941T4, TG-941T5, TG-941T6, TG-941T7, TG-941T8, TG-941T9

### Safety Information

**⚠ WARNING** A warning alerts the user to possible injury or death associated with the use or misuse of the instrument.

**⚠ CAUTION** A caution alerts the user to possible injury or problems with the instrument associated with its use or misuse such as instrument malfunction, instrument failure, damage to the instrument, or damage to other property.

Pay attention to all safety information in the Operator's Manual or Installation Guide.

#### **⚠ 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.

#### **⚠ WARNING**

Do not use the YG-211T airway adapter for a neonate because the dead space volume of the airway adapter is about 4 mL.

#### **⚠ CAUTION**

Select the airway adapter taking into consideration the 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**

Use the YG-211T airway adapter with patients over 7 kg.

#### **⚠ CAUTION**

Do not connect the YG-214T airway adapter to a flow sensor or respiratory 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 an optional item with a new one after using it for the following number of hours.
  - YG-211T: 24 hours
  - Others: 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**

If a nebulizer is used with the airway adapter, the liquid medicine in the nebulizer may degrade the anti-fogging ability of the transparent film. This may affect the measurement accuracy.

**⚠ CAUTION**

If a humidifier is used, water droplets may accumulate inside the airway adapter and affect the measurement accuracy. Remove the droplets periodically.

**⚠ 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.

**⚠ CAUTION**

Dispose of Nihon Kohden products according to your local laws and your facility's guidelines for waste disposal. Otherwise, it may affect the environment. If there is a possibility that the product may have been contaminated with infection, dispose of it as medical waste according to your local laws and your facility's guidelines for medical waste. Otherwise, it may cause infection.

This Safety and Performance Information is an extract from the general and safety information sections of the most recent edition of Operator's Manual or Installation Guide. Therefore, the contents of your Operator's Manual or Installation Guide may differ from those of this Safety and Performance Information. For detailed operating procedures, follow the instructions of your Operator's Manual or Installation Guide.



Manufacturer

**NIHON KOHDEN CORPORATION**

1-31-4 Nishiochiai, Shinjuku-ku,

Tokyo 161-8560, Japan

Phone +81 3-5996-8041

<https://www.nihonkohden.com/>



European Representative

**NIHON KOHDEN EUROPE GmbH**

Raiffeisenstrasse 10, 61191 Rosbach, Germany

Phone +49 6003-827-0 Fax +49 6003-827-599

1st Edition: 08 Apr 2019

2nd Edition: 28 Nov 2022

