

CO₂ Sensor Kit

for mainstream measurement

TG-900 series



Fast response with no lag time

No warm-up time

No heater or motor

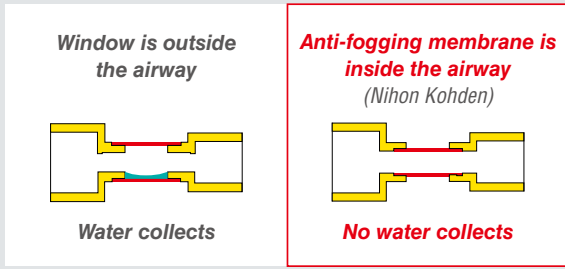
No sampling tube

Compact and lightweight

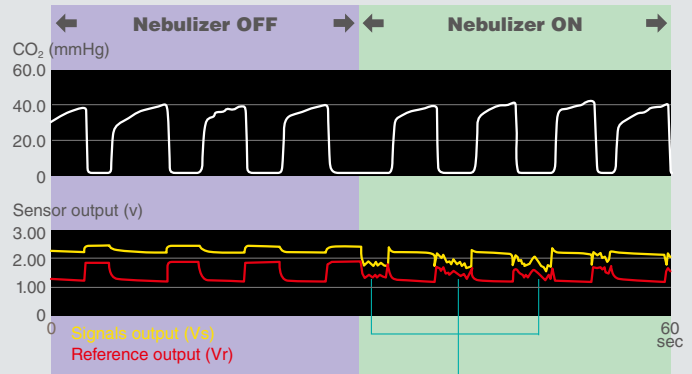
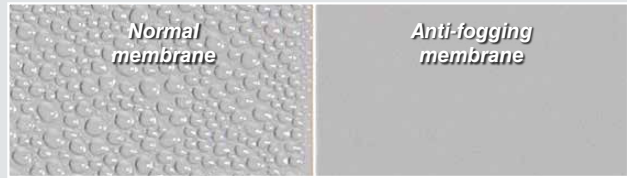
Fighting Disease with Electronics

NIHON KOHDEN

Smart adapter with anti-fogging membrane



- Nihon Kohden's anti-fogging membrane makes a water layer which produces even light transmission. There is no need to warm up the window to make the water layer.
- Typical membranes cause water drops to collect and produce uneven light reflection and refraction.
- With no heater and no motor, the sensor is much more durable (withstands a 2 m drop).

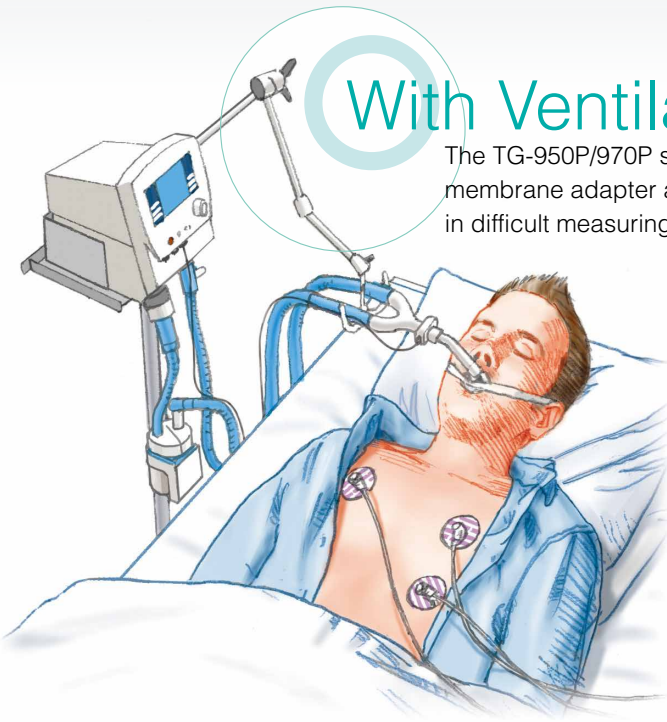


*Both signals and reference are affected by the mist of the nebulizer but CO₂ measurement is not affected.

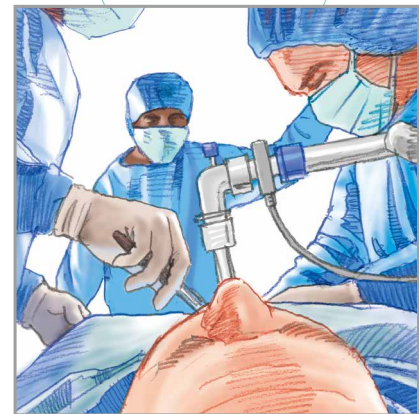
With Ventilator and Nebulizer

The TG-950P/970P sensor using quantitative method with anti-fogging membrane adapter assures accurate measurement in difficult measuring conditions.

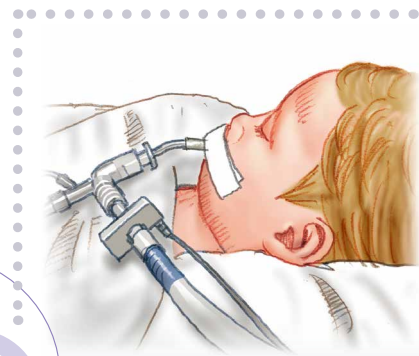
OR



BSM-6701K



CO₂ sensor (TG-970P)

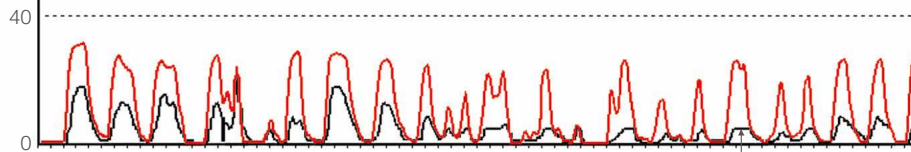


Pediatric

The TG-950P/970P always provides accurate measurement during low flow-respiration and oxygen administration.

cap-ONE®

CO₂ (mmHg)



Comparison of **mainstream** (cap-ONE) and sidestream
Sidestream causes false alarms

Nasal/oral adapter YG-121T
YG-122T



This unique design adapter catches both nasal/oral expiration.

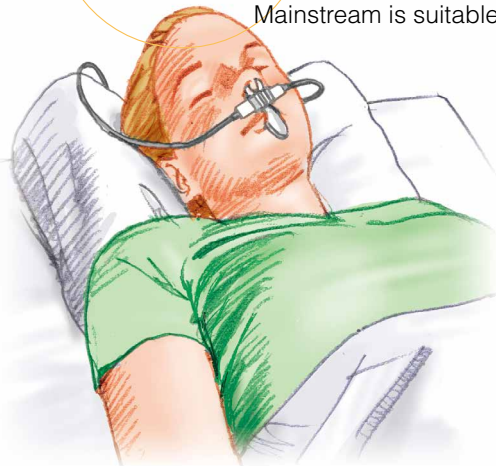


Actual size

CO₂ sensor (TG-920P)

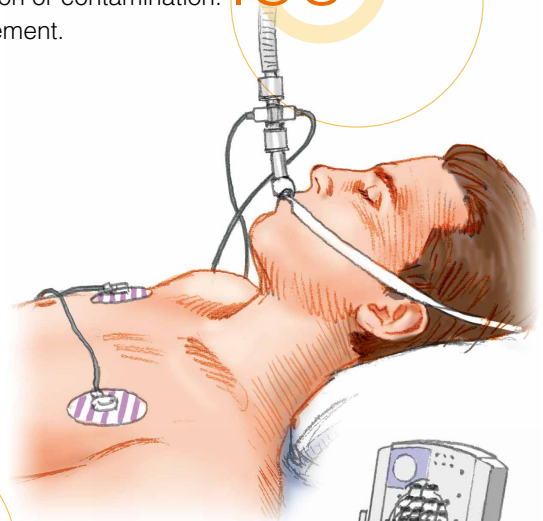
Sedation

Mainstream measurement does not require a sampling tube. This eliminates any problems of tube occlusion or contamination. Mainstream is suitable for long-time measurement.



PVM-2703K

ICU



PSG

Small and lightweight CO₂ sensor reduces stress to the patient so more accurate sleep analysis can be performed.

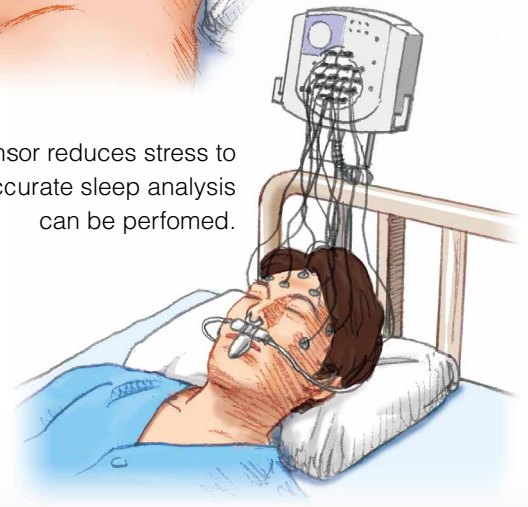
TEC-8300K



ER



EEG-1200J/K with JE-921A input box



Connect the CO₂ sensor to a defibrillator for airway management.
No warm-up time and no calibration are required so you can obtain CO₂ quickly.

CO₂ Sensor Kits and Adapters Line-up — Mainstream Measurement

| CO ₂ sensor kit | Adapter (kg = patient weight) | Connector and applicable units |
|--|---|---|
| Semi-quantitative method, intubated and non-intubated | | |
|  <p>P907 (TG-920P)</p> | <p>Intubated - Airway adapter</p>  <p>R804 (YG-111T) > 7 kg</p> <p>Non-intubated - Nasal/oral adapter</p>  <p>V922 (YG-121T) > 10 kg V923 (YG-122T*) > 10 kg *with oxygen supply tube adapter</p>  <p>V928 (YG-125T**) > 10 kg V929 (YG-135T**) > 7 kg **for PSG (EEG), with airflow pressure sensor tube</p> | <p>MULTI connector</p>  <p>BSM series bedside monitors TEC-8300 defibrillator OLG-2800K CO₂ monitor</p> <p>Mini DIN connector</p>  <p>TEC-5500/7700 series defibrillators EEG-1200/9100 electroencephalographs</p> |
| Semi-quantitative method, intubated | | |
|  <p>P903 (TG-900P)</p> | <p>Intubated - Airway adapter</p>  <p>R801 (YG-101T) > 10 kg</p> | <p>MULTI connector</p>  <p>BSM-series bedside monitors TEC-8300 defibrillator OLG-2800K CO₂ monitor</p> <p>Mini DIN connector</p>  <p>TEC-5500/7700 series defibrillators</p> |
|  <p>P906 (TG-901T3)</p> | <p>Intubated - Airway adapter</p>  <p>R805 (YG-211T) >7kg R806 (YG-213T) deadspace : 0.5 mL R807 (YG-214T) deadspace : 1.8 mL</p> | <p>MULTI connector</p>  <p>BSM series bedside monitors TEC-8300 defibrillator OLG-2800K CO₂ monitor</p> |
| Quantitative method, intubated | | |
|  <p>P909 (TG-970P)</p> | <p>Intubated - Airway adapter</p>  <p>R805 (YG-211T) >7kg R806 (YG-213T) deadspace : 0.5 mL R807 (YG-214T) deadspace : 1.8 mL</p> | <p>MULTI connector</p>  <p>BSM series bedside monitors TEC-8300 defibrillator OLG-2800K CO₂ monitor</p> |

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