

CO₂ Sensor Kit

for mainstream measurement

TG-900 series



CO₂ measurement

The best way to observe the patient's respiratory condition

Fast response with no lag time

No warm-up time

No heater or motor

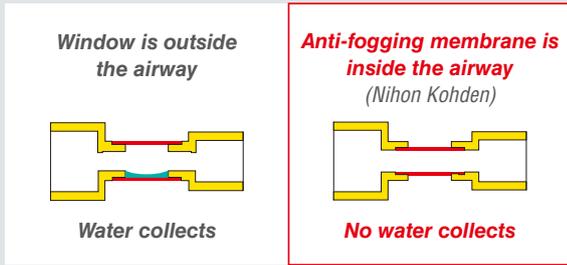
No sampling tube

Compact and lightweight

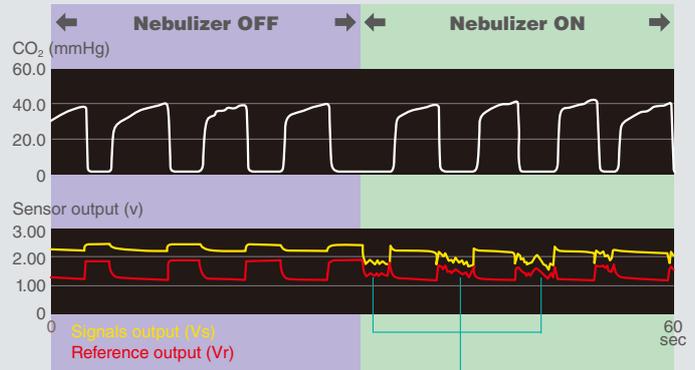
Fighting Disease with Electronics

NIHON KOHDEN

Smart adapter with anti-fogging membrane



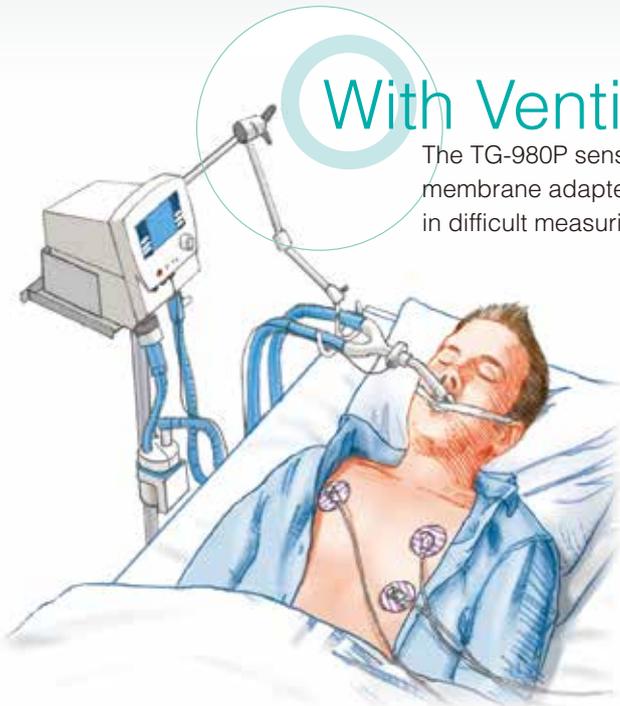
- Nihon Kohden's anti-fogging membrane makes a water layer which produces even light transmission. There is no need to warm up the window to make the water layer.
- Typical membranes cause water drops to collect and produce uneven light reflection and refraction.
- With no heater and no motor, the sensor 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-980P sensor using quantitative method with anti-fogging membrane adapter assures accurate measurement in difficult measuring conditions.



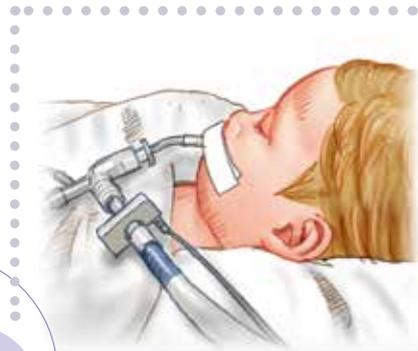
CSM-1901



OR



CO₂ sensor (TG-980P)

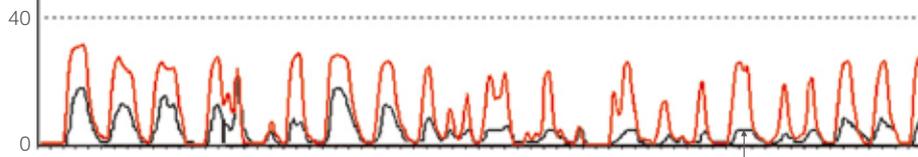


Pediatric

The TG-980P 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

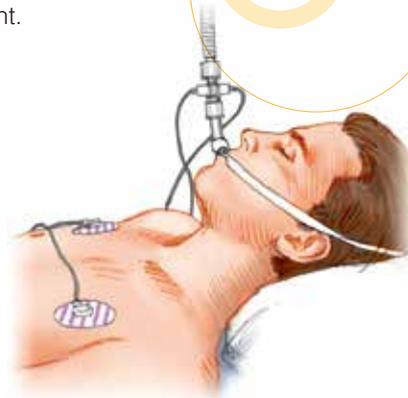
Mainstream measurement does not require a sampling tube. This eliminates any problems of tube occlusion or contamination. Mainstream is suitable for long-time measurement.



ICU

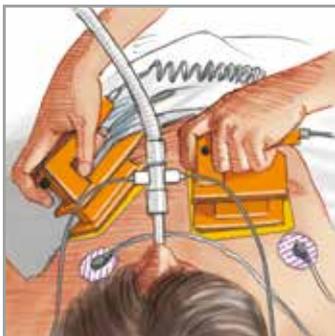


BSM-6000 series



PSG

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



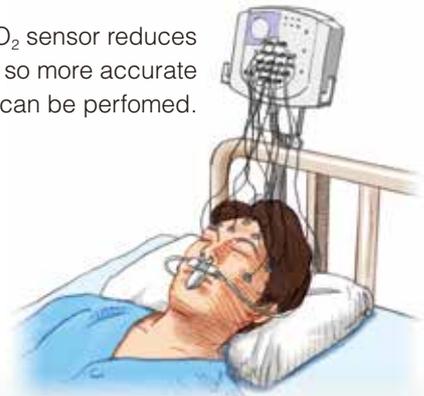
TEC-5600



TEC-8300K



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.

ER

CO₂ Sensor Kits and Adapters Line-up — Mainstream Measurement

CO ₂ sensor kit	Adapter (kg = patient weight)	Connector and applicable units
Quantitative method, intubated		
 <p>P910A (TG-980P)</p>	Intubated - Airway adapter  <p>R805 (YG-211T) >7kg R806 (YG-213T) deadspace : 0.5 mL * Connecting to flow sensor without an inner connector R807 (YG-214T) deadspace : 1.8 mL * Connecting to flow sensor with an inner connector</p>	MULTI connector  <p>BSM series bedside monitors TEC-8300/5600 defibrillator OLG-3800 CO₂ monitor</p>
	cap-ONE mask  <p>Infant V935 (YG-242T) 7-20kg Child V933 (YG-232T) 20-40kg Adult L V938A (YG-272T) 30kg~ Adult XL V938C (YG-282T) 40kg~</p>	
Semi-quantitative method, intubated and non-intubated		
 <p>P907 (TG-920P)</p>	Intubated - Airway adapter  <p>R804 (YG-111T) > 7 kg</p>	MULTI connector  <p>BSM series bedside monitors TEC-8300/5600 defibrillator OLG-3800 CO₂ monitor</p>
 <p>P908 (TG-921T3)</p>	Non-intubated - Nasal/oral adapter  <p>V922 (YG-121T) > 10 kg V923 (YG-122T*) > 10 kg *with oxygen supply tube adapter V928 (YG-125T**) > 10 kg V929 (YG-135T**) > 7 kg **for PSG (EEG), with airflow pressure sensor tube</p>	
Semi-quantitative method, intubated		
 <p>P903 (TG-900P)</p>	Intubated - Airway adapter  <p>R801 (YG-101T) > 10 kg</p>	MULTI connector  <p>BSM-series bedside monitors TEC-8300/5600 defibrillator OLG-3800 CO₂ monitor</p>

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This brochure may be revised or replaced by Nihon Kohden at any time without notice.



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