

cap-ONE mask

CO₂ sensor kit oxygen mask



Stable oxygen supply and ETCO₂ detection



Stable oxygen supply

Unique mask design reduces re-breathing and allows stable oxygen supply.



ETCO₂ can be measured during oxygen administration

The CO₂ sensor on the mask can measure ETCO₂ even during oxygen administration. This enables quick detection of respiration change during oxygen administration.



An unique design enables a secure mask fit for any patient

An inside cup which catches expired gas from nose or mouth is adjustable, so that it fits different face shapes and size.

Fighting Disease with Electronics

 NIHON KOHDEN

Accurate respiratory monitoring with optimal oxygen supply

Special design enables stable oxygen flow

Oxygen flow

Oxygen is diffused to prevent interference with expired CO₂

Scatter plate

The curved shape gives better oxygen flow

CO₂ flow

CO₂ sensor

Excess CO₂ flows out

Both oral and nasal expiration is measured

The cap-ONE oxygen mask has a diffusion plate so that the oxygen is evenly dispersed within the mask. This reduces variation in oxygen concentration.

cap-ONE mask (even oxygen diffusion)

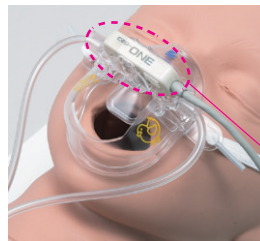
Typical oxygen masks (uneven oxygen diffusion)

You can measure ETCO₂ during oxygen administration Oxygen targets

Oxygen mask



Oxygen mask with CO₂ sensor



CO₂ sensor TG-980P

model	YG-242T infant	YG-232T child	YG-272T/YG-282T adult
O ₂ flow			
2 L/min	60%	40%	40%
4 L/min	70%	50%	45%
6 L/min	80%	60%	50%

Four mask sizes



Infant size cap-ONE mask
Weight: 7 to 20 kg
YG-242T [V935]



Child size cap-ONE mask
Weight: 20 to 40 kg
YG-232T [V933]



Adult L size cap-ONE mask
Weight: > 30 kg
YG-272T [V983A]



Adult XL size cap-ONE mask
Weight: > 40 kg
YG-282T [V983C]

Composition

- Child cap-ONE mask, YG-232T [V933]
- Infant cap-ONE mask, YG-242T [V935]
- Adult (L) cap-ONE mask, YG-272T [V983A]
- Adult (XL) cap-ONE mask, YG-282T [V983C]

* The cap-ONE mask is disposable. Do not reuse it.

Related products

- CO₂ sensor kit, TG-980P [P910A]
- CO₂ monitor, OLG-3800

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



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