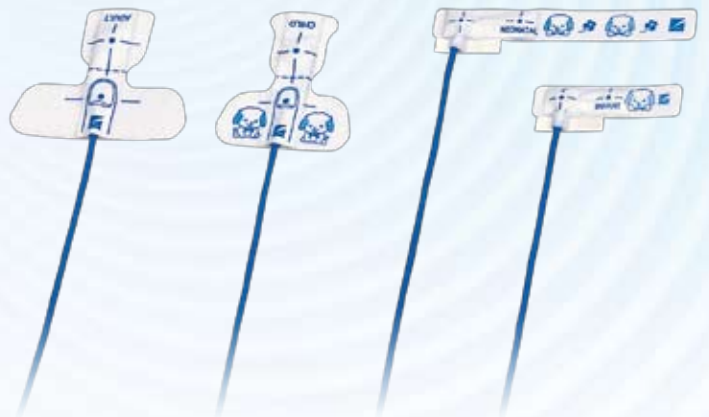


Oxypal Neo

Pulse Oximeter

OLV-3100J/K

*High Quality SpO₂ Measurement
with BluPRO[®]*



**From newborn to adult
For the ward, ICU, OR and transport**

Fighting Disease with Electronics

NIHON KOHDEN

Stable and accurate SpO₂ monitoring —

PQI algorithm for stable SpO₂ monitoring

The PQI (Pulse Quality Index) algorithm greatly improves SpO₂ measurement against body movement, small amplitude pulse waveform and external noise such as ESU, electric blanket and fluorescent lights.

Large numerical data display

The SpO₂ and pulse rate displays are large enough to be read from a distance. The displays are a different size and color for easy identification.



Trendgraph and memory

One or two selected trendgraph parameters, SpO₂, pulse rate, pulse amplitude, Ext_SpO₂, and delta SpO₂, can be shown on the backlit LCD. Trending helps you evaluate the prognosis of the patient and determine treatment. The trend time can be selected from 12, 48 min and 2, 6, 12, and 24 hours. Up to 24 hours of memory is available.

Dual SpO₂ measurement

Dual SpO₂ can be measured by using two Oxypal Neo pulse oximeters. This allows delta SpO₂ (difference between two SpO₂ values). Delta SpO₂ value and trendgraph can be displayed. Dual SpO₂ measurement allows more accurate monitoring of ductal shunt and provides a good index for treatment of PPHN (persistent pulmonary hypertension of the newborn). A delta SpO₂ alarm is also available.

Battery operation

AC and 4-hour battery operation are available. For continued SpO₂ measurement even during transport, Oxypal Neo can be operated from a built-in battery.

Unique SpO₂ probes, BluPRO[®]



The reusable type finger probe comfortably fits most fingers with a parallel moving mechanism. The reusable type multi-site probe fits neonates to adults and its high flexibility allows accurate alignment of the LED on the infant/neonate

instep. Both are washable, splash protected, and durable. You can wash it with running water after disinfection.



for neonate instep

The disposable type SpO₂ probe is made of thin and soft tape with a flat surface for comfortable fit. The probe has separate light emitter and light detector parts so you can place it in the best position.

Optional transmitter for use with a central monitor

The measured data can be transmitted to the central monitor using an optional ZS-900PK transmitter so you can easily compose a telemetry central monitoring system.



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



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