

VITRO

Vital signs monitor

Reliable and Precise!

pearl
technology



Now
2 Year*
Warranty!

*for the unit and reusable sensors, except disposable articles and rechargeable batteries.

Features

- Large, switchable graphic display with plethysmogram, blood pressure, pulse, oxygen saturation and trends
- Cyclic or manual blood pressure measurement
- Adjustable alarm limits for all parameters
- Optical and audible multilevel alarm
- Saturation dependent pulse tone with adjustable volume
- 50 hours data memory for up to 7 measurements
- Interfaces for data printer and PC
- Compact housing with integrated battery and handle

More information: www.medlab-gmbh.de

SpO₂
NIBP

medlab
medizinische Diagnosegeräte GmbH

The VITRO vital signs monitor is a precise and reliable unit made for everyday use in hospitals and clinics. It can be used for all patients, from neonates to adults.

VITRO has all you want for a quick and precise measurement of pulse, SpO₂ and blood pressure. It furthermore offers continuous monitoring with display of plethysmogram, oxygen saturation dependent pulse tone and adjustable alarm limits for all parameters. All of this, combined in a compact, lightweight housing, along with a large, easily readable graphic display and mains- or integrated battery operation makes VITRO an outstanding bargain.

VITRO contains the latest oscillometric NIBP- and the new PEARL* pulse oximeter technology. PEARL employs state-of-the-art signal processing to maintain full reliability even under the most difficult conditions, as low perfused patients or patients under strong movement. VITRO is delivered ready-to-use and with complete equipment including high quality blood pressure cuffs in three sizes.

* PEARL = Pulse Enhancement Artefact Rejection Logic



Large, switchable and easy-to-read display

Specifications

Measuring:

Range SpO₂: 30..100% SpO₂, 30-250 bpm

Range NIBP: 10.. 280 mmHg Adults,

5.. 155 mmHg Neonates

Accuracy SpO₂: Adults +/-2% at 70-99%

Children +/- 3% at 70-99%

Under motion +/- 2% at 70-99%

(not specified under 70%)

Accuracy NIBP: +/-3mmHg at 50-250 mmHg

Accuracy Pulse: +/-1%, +/- 1 Digit

Alarm: Adjustable audible and optical alarm for NIBP, SpO₂ and pulse

Unit:

Dimensions, Weight: approx. 225 x 175 x 80 mm, 1800 g

Supply: Mains: 220/240VAC or 110/115VAC

Integrated NiMH battery pack

Consumption: approx. 1500 mW

Battery life: with continuous NIBP measurements every 10 Minutes: approx. 4 hours

Delivery:

Reusable finger clip sensor P-100, patient cable (Lemo/D-Sub), three blood pressure cuffs small/standard/large, NIBP tube with quick connect fastener, user manual.

Available options:

Carrying bag, bracket for infusion stand, other PEARL-SpO₂ sensor types, further sizes of blood pressure cuffs, IR data printer, PC software with data cable.

Suitable sensors:

All PEARL sensors from Medlab wick are compatible to clinic standards

Blood pressure cuffs:

High quality, latexfree cuffs without rubber bladder, with easy to clean antibacterial coating.



PEARL Fingerclip probe for adults



Many different sizes of blood pressure cuffs available (option)



Bracket for infusion stand (option)



IR-data printer for wireless printout (option)



Mannheimer Strasse 16-18

D-76131 Karlsruhe

Tel.: +49 (0) 721 62512 0

Fax: +49 (0) 721 62512 12

sales@medlab-gmbh.de

More information: www.medlab-gmbh.de