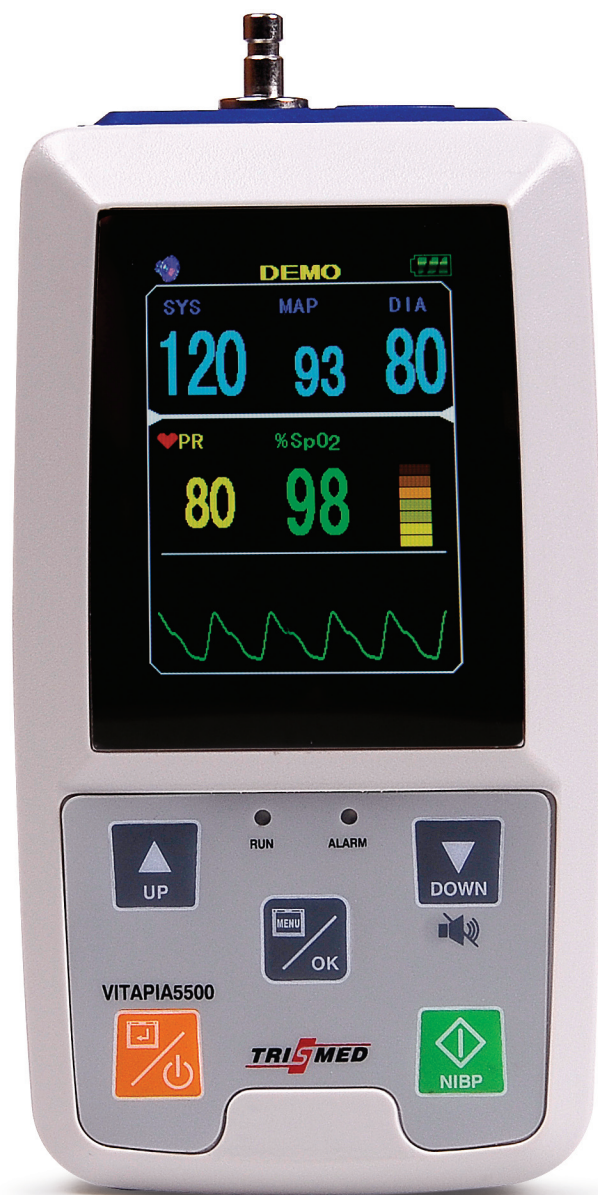


Blood Pressure Monitor

# VITAPIA5500

## Ambulatory NIBP / SPO2

- NIBP, SPO2 and pulse rate
- 0 ~ 280 mmHg range NIBP
- SYS/DIA/MAP/PR measurement
- Auto / Manual operation
- Compact and portable hand-held design
- Adult / Pediatric / Neonatal use
- Adjustable audible and visual alarms
- 2,4" TFT color display (320x240 dots)
- Oscillometry technique
- 24hours storage and review of data
- PC networking S/W for review and print
- Up to 300 items memory
- Clinically proven accuracy
- Power supply (DC3V,AA battery x 2)
- Dimension (mm) : 127(L) x 66(W) x 36(H)
- Weight : 350g



Type 5500A

# Ambulatory Monitor (NIBP / SpO2) VITAPIA5500 (Type 5500A)

## Technical Specifications

|  |  |
|--|--|
| Measurement method: Oscillometry                             |  |
| Measurement mode: Automatic / automatic cycling non-invasive |  |
| Patient range: adult, pediatric, neonatal                    |  |
| Measurement unit: mmHg/kPa selectable                        |  |
| Display  | 2.4" TFT color LCD (320 X 240 dots)                                    |
| Power  | Two "AA", 1.5V Alkali battery  |
| Dimension  | 127 X 66 X 36 mm   |
| Weight   | ≤ 350g (Including batteries)   |
| <b>NIBP</b>  |  |
| Method   | Oscillometry   |
| Measurement range  | 10~270mmHg   |
| Adult  | SYS : 40~270mmHg   |
|  | MAP : 20~235mmHg   |
|  | DIA : 10~215mmHg   |
| Pediatric  | SYS : 40~200mmHg   |
|  | MAP : 20~165mmHg   |
|  | DIA : 10~215mmHg   |
| Neonatal   | SYS : 40~135mmHg   |
|  | MAP : 20~110mmHg   |
|  | DIA : 10~100mmHg   |
| Operation  | Auto / Manual  |
| Measurement interval   | 1, 2, 3, 4, 5, 10, 15, 20, 30, 45, 60, 90, 120 min                     |
| Cuff pressure accuracy                                       | ±3 mmHg  |
| Resolution   | 1 mmHg   |
| Measurement mean error                                       | ±5 mmHg  |
| Maximum standard deviation                                   | 8 mmHg   |
| Overpressure protection                                      | Adult (297 ±3 mmHg) / Pediatric (240 ±3 mmHg) / Neonatal (147 ±3 mmHg) |
| Alarm  | Systolic, Diastolic, Mean  |
| Alarm range  | 10 ~ 270 mmHg  |
| <b>SpO2</b>  |  |
| Measurement range  | 0 ~ 100%   |
| Resolution   | 1%   |
| Accuracy   | 70 ~ 100% ±2% 0~69% unspecified  |
| Alarm range  | 0 ~ 100%   |
| <b>Pulse rate</b>  |  |
| Range  | 30 ~ 254 bpm   |
| Resolution   | 1 bpm  |
| Accuracy   | ±2 bpm or ±2% [select large]   |
| Alarm range  | 0 ~ 254 bpm  |
| <b>Temperature</b>   |  |
| Working  | 5 ~ 40°C   |
| Transport and Storage  | -20 ~ 60°C   |
| <b>Humidity</b>  |  |
| Working  | ≤ 80%  |
| Transport and Storage  | ≤ 95%  |
| <b>Altitude</b>  |  |
| Working  | -500 to 4,600m [-1,600 to 15,000ft]                                    |
| Transport and Storage  | -500 to 13,100m [-1,600 to 43,000ft]                                   |

※ Contents and specification subjects change without notice



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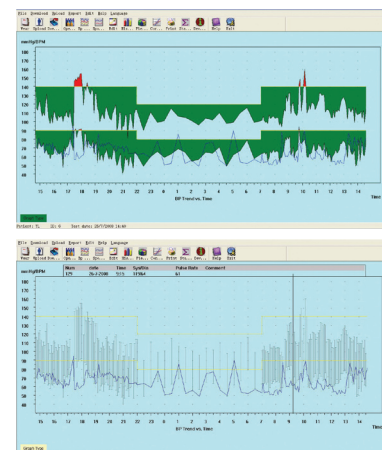
TRISMED CO., LTD

409 SMECA, 65 Techno 3-ro, Yuseung-gu, Daejeon 305-509, Republic of Korea

Tel. +82-42-936-7201 Fax. +82-42-936-7202 E-mail. trismed@kornet.net / trismed@trismed.com

Home page. www.trismed.com / www.trismed.co.kr

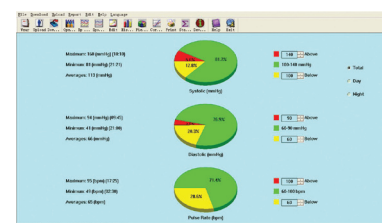
### BP trend



### SPO2 trend



### Pie chart



### Correlation line

