

## MULTIPARAMETRIC K 15 2 IBP + ETCO2 TOUCHSCREEN 15" MONITOR

### TECHNICAL CHARACTERISTICS

#### BASIC EQUIPMENT:

- SpO2 ADULTS TUBE
- NIBP ADULTS BRACELET
- SpO2 EXTENSION CABLE
- ECG CABLE
- SKIN TEMPERATURE TUBE
- POWER CABLE
- LITHIUM RECHARGEABLE BATTERY
- DUST BAG
- DISPOSABLE ELECTRODE
- USER MANUAL : EN, FR, IT, ES,
- INNER SOFTWARE: EN, DE, FR, PT, ES, IT PL, TR, RU
- SOFTWARE FOR PC: EN, IT, ES
- COMPATIBLE WITH WINDOWS XP, 7,

#### CERTIFICATIONS:

MEDICAL DEVICE CLASS: II B  
 NSIS: 1977794  
 CND: Z1203020202  
 SAFETY STANDARD : IEC60601-1

#### ACCESSORIES NOT INCLUDED:

TEC06806: SpO2 PEDIATRIC TUBE  
 TEC06803: NIBP PEDIATRIC BRACELET  
 TEC05609: PRINTING

#### PRODUCT CODE :

TEC06463 MULTIPARAMETRIC K 15 2  
 IBP + ETCO2 TOUCHSCREEN 15"  
 MONITOR



Multifunctional monitor to check the vital physiological signs of adults, pediatrics and baby signs.

It can record and view in real time parameters such as: electrocardiogram ECG, heart rate (HR) non-invasive blood pressure (NIBP), oxygen saturation (SpO2), breath (BREATH), temperature (TEMP). It allows the complete analysis of the physiological conditions of the patient. It is characterized by an ergonomic design with intuitive user interface and USB port for data transfer and software updating.

It is able to detect 9 tracks on on video-environment waveforms. It is endowed with 3 levels visual and sound alarm for technical and physiological anomalies. The power is: AC 100-240 V, 50/60 Hz, 60 VA and it works through ethernet network.

It contains a wide memory capacity and it is suited for the use with original Nellcor sensors. It protects against defibrillator, resistance against interference by electrosurgical unit. Heart pacemaker pulse detection and inhibition.

#### ECG

- DYNAMIC INPUT RANGE:  $\pm(0,5\sim 5 \text{ mVp})$
- DIFFERENTIAL INPUT IMPEDENCE:  $\approx 10 \text{ MO}$
- BANDWIDTH: 0,05~150 Hz (DIAGN.), 0,5~40 Hz (MON.), 1~20Hz (FUNCT..)
- CMRR:  $\approx 90 \text{ dB}$  (DIAGN.) /  $\approx 105 \text{ dB}$  (MONITORING AND FUNCTIONING)
- SENSITIVITY SELECTION :  $\times 1/4, \times 1/2, \times 1, \times 2, \times 4$  AND AUTO
- SCAN SPEED : 6,25 mm/s, 12,5 mm/s, 25 mm/s, 50 mm/s
- HR MEASUREMENT RANGE : 15~350 BPM  $\pm 1\%$   $\circ \pm 2$ BPM, THE  $>$  OF THE TWO
- PACEMAKER PULSE DETECTION AND INHIBITION OPERATION
- MEASUREMENT RANGE: 0~120 RPM  $\pm 5\%$   $\circ \pm 2$  RPM, THE  $>$  OF THE TWO

#### TEMP.

- MEASUREMENT RANGE : 21,0~50,0  $^{\circ}\text{C} \pm 0,2 \text{ }^{\circ}\text{C}$  BETWEEN 25~45  $^{\circ}\text{C}$

#### BREATH

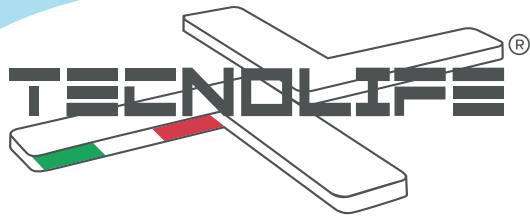
- MEASUREMENT RANGE : 0~120 RPM  $\pm 5\%$   $\circ \pm 2$  RPM, THE  $>$  OF THE TWO

**TECNOLIFE S.r.l. -**

Via Cimarosa, 71 - 40033 Casalecchio di Reno (BO)

tel.051/6259059 - fax.051/0510419

info@tecnolifesrl.com - www.tecnolifesrl.com



### **NIBP**

- TECHNIC: OSCILLOMETRIC METHOD
- TYPICAL MEASUREMENT TIME: <30 SECONDS (ADULT BRACELET)
- NIBP MEASUREMENT RANGE : SYS: 40~275 mmHg (ADULTS) / 40~200 mmHg (PED.) / 40~135 mmHg (BABY)
- NIBP MEASUREMENT RANGE : DIA: 10~210 mmHg (ADULTS/ 10~150 mmHg (PED.) / 10~95 mmHg (BABY)
- NIBP MEASUREMENT RANGE : MAP: 20~230 mmHg (ADULTS/ / 20~165 mmHg (PED.) / 20~110 mmHg (BABY)
- NIBP MEASUREMENT ACCURACY : AVERAGE DIFFERENCE :  $\pm 5$  mmHg
- STANDARD DEVIATION: 8 mmHg
- NIBP MEASUREMENT MODE : MANUAL AUTO, STAT, MULTICYCLE
- SELF-MEASUREMENT RANGE : 1-480 min

### **SpO2**

- TECHNIC: DOUBLE WAVELENGTH OPTICAL METHOD
- MEASUREMENT RANGE: 0%~100%  $\pm 2\%$  FOR SpO2 RANGE 70~100%
- PR MEASUREMENT RANGE : 30~250 BPM  $\pm 2$  BPM OR  $\pm 2\%$ , THE > OF THE TWO
- LOW PERFUSION PERFORMANCE : UP TO 0,3%.

### **EtCO2 (REQUIRES 33796 OR 33797)**

- TECHNIC: INFRARED OPTICAL METHOD
- SAMPLING PROCEDURE: SIDESTREAM OR MAINSTREAM
- MEASUREMENT RANGE: 0~150 mmHg
- MEASUREMENT ACCURACY: 0~40 mmHg  $\pm 2$  mmHg; 41~70 mmHg  $\pm 5\%$ ; 71~100 mmHg  $\pm 8\%$ ; 101~150 mmHg  $\pm 10\%$
- FLOW SPEED: 50 ml/min  $\pm 10$  ml/min (Sidestream)

### **IBP**

- TECHNIC: STRAIN GAUGE TRANSDUCERS
- INPUT SENSITIVITY: 5  $\mu$ V/V/mmHg
- MEASUREMENT RANGE: -50~300 mmHg  $\pm 2\%$  or  $\pm 4$  mmHg, THE > OF THE TWO
- MEASUREMENT POSITIONS: ART, RAP, PA, LAP, CVP, ICP, AUXP1, AUXP2
- CALIBRATION: ZERO CALIBRATION

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