The V3404 Plus incorporates a selectable ECG lead system and the advanced digital hardware (serial auto correlation)/SAC™ software oximetry, all in one unit. Basic and easy to use, this transportable monitor offers a practical low cost solution for combined ECG and Oximetry.

The V3404 Plus offers the same advanced pulse oximetry features as the V3304, see page F68, and offers the added convenience of integrated 3 or 5 position ECG. The advanced graphic electroluminescent display presents the oximetry data as a plethysmogram and any one of the ECG leads (I, II, III, aVR, aVL, aVF or V).

Three user-selectable averaging modes are available, along with numeric and audible indicators for SpO₂ and pulse rate, a bar indicator for pulse strength as well as high and low limit adjustable alarms for SpO₂ and pulse rate. Low priority alarms warn the user of system setup malfunctions such as a disconnected probe. The audible indicators and alarms vary in rate and pitch to indicate changes in pulse rate and SpO₂ level.

All waveforms can be output using the optional PY2 72-3204 graphics printer. The optional power jumper PY2 72-3206, is not included but is recommended.

The V3304 Pulse Oximeter comes with an instruction manual, AC adapter/charger, PY2 72-3157 5 foot Oximeter Extension cable, PY2 72-3256 Universal “Y” sensor, PY2 72-3254 Reflectance sensor, PY2 72-6028 ECG Lead 40” ECG Cable, PY2 72-6029 3-Lead Cable for 3-lead set and the PY2 72-3199 ECG 3-lead set. The unit is powered by an internal rechargeable lead acid battery. Other pulse oximeter probes and accessories are available, see below.

Order #   Product
PY2 72-6018  V3404 Plus Digital Pulse Oximeter/ECG, 110 VAC, 60 Hz
PY2 72-6019  V3404 Plus Digital Pulse Oximeter/ECG, 220 VAC, 50 Hz

ECG Leads, Sensors and Sensor Accessories*
PY2 72-3256 Universal Y Sensor
PY2 72-3254 Reflectance Sensor
PY2 72-6028 ECG 3-Lead, 40”
PY2 72-6080 ECG Cable, 3-Lead
PY2 72-3268 ECG Cable for 5-Lead Set
PY2 72-6011 Temperature Cable
PY2 72-6012 Temperature Probe
PY2 72-6013 Temperature Sensor

Optional Accessories*
PY2 72-3204 V3408 Graphics Printer and Cable
PY2 72-3200 AC Adapter/Charger 110 VAC, 60 Hz
PY2 72-3202 AC Adapter/Charger 208 to 0252 VAC, 50 Hz
PY2 72-3205 Printer Paper, pkg. of 4
PY2 72-3179 Serial Printer Interface Cable
PY2 72-3180 PC Interface Cable
PY2 72-3175 IV Pole Bracket
PY2 72-3206 Power Jumper Cable from V3408 to printer
PY2 72-3197 Printer Interface Cable

Specifications

Display:
Type: Electroluminescent, 160 x 80 pixels
Waveforms: ECG, Plethysmogram
Graphic Trends: SpO₂ Pulse Rate (Heart Rate) and Pulse Signal Strength, Optional Respiration
SpO₂ & Pulse Rate: 3-digit (LED display), 14.2 mm (0.56 in) high
                                   3-digit (LED display), 10.9 mm (0.43 in) high
SpO₂: Range 50 to 100%
       Accuracy ±2% at 70 to 100% ±3% at 50 to 69%
       Alarm Range High: 50 to 100% and Off (1% steps)
       Averaging 4, 8, 16 pulse beat average (fast, normal, slow)
Pulse Rate (SpO₂) or Heart Rate (ECG):
       Range 20 to 350 bpm
       Accuracy ±2 bpm or ±2% whichever is greater
       Alarm Range High: 20 to 350 bpm and Off (1 bpm steps)
       Averaging 8 or 16 sec average (normal, slow)
ECG:
       Configuration: 3- or 5-lead
       Lead Selection: I, II, III, aVR, aVL, aVF and V
       Gain: x1, x2, x4, x8
Printer Output:
       Serial: RS-232C serial data output
Trends: 17 hrs at 30 sec intervals
Battery Life: Standard Lead-Acid Battery. Internal rechargeable; not user replaceable. Approximately 1.5 hrs continuous use. Fully charges in 6 hrs
Dimensions, H x W x D: 88.9 x 139.7 x 254 mm (3.5 x 10.0 x 5.5 in)
Weight: 2.27 kg (5 lbs)