

# K12 AND K15 PATIENT MONITORS FOR INTENSIVE CARE

- 35306 K12 MULTIPARAMETER MONITOR 12" - 5 lead ECG
- 35307 K12 TOUCHSCREEN MULTIPARAMETER MONITOR 12" - 5 lead ECG
- 35308 K12 TOUCHSCREEN MULTIPARAMETER MONITOR 12" - 10 lead ECG
- 35309 K15 TOUCHSCREEN MULTIPARAMETER MONITOR 15" - 5 lead ECG
- 35332 K15 TOUCHSCREEN MULTIPARAMETER MONITOR 15" - 10 lead ECG
- 35310 K15 TOUCHSCREEN 2 IBP+ EtCO<sub>2</sub> MULTIPAR. MONITOR 15" - 5 lead ECG

15" TFT display  
with LED backlight  
9 waveforms on screen

ECG + SpO<sub>2</sub> + NIBP +  
RESP + 2-TEMP  
2 IBP\* + EtCO<sub>2</sub>\* configuration

\*Only for 35310

Multi-functional patient monitors for monitoring the vital physiological signs of adult, pediatric and neonate patients. Real-time recording and displaying of parameters, such as ECG, heart rate (HR), non-invasive blood pressure (NIBP), oxygen saturation (SpO<sub>2</sub>), respiration (RESP) and temperature (TEMP) allow comprehensive analysis of patient's physiological conditions.

- ergonomic design with intuitive user interface
- USB socket for data transfer and software upgrade
- 9 or 13 (35308 only) traces on-screen waveforms
- Windows style display view, easy to operate
- visual and audible alarm for physiological and technical alarms
- large capacity storage
- suitable for use with original Nellcor sensors
- protection against defibrillator discharge, resistance against the interference from electro-surgical unit; Cardiac pacemaker pulse detection and inhibition.

Internal software: GB, DE, FR, PT, ES, IT, PL, TR, RU.

PC software GB, IT, ES. Compatible with Windows XP, 7, 8, 10, 11.

35309



360° degree  
visible indicator  
with 3 level alarm

Lithium battery  
up to 2.5 hours  
continuous  
monitoring

Optional  
printer,  
code  
35133

Accessories box



2 IBP module  
(35310 only)



35148

GIMA code	ACCESSORIES FOR K12, K15
35133	Printer** - optional
35141	Paper 5.1 cm x 12 m - box of 5
35311	NIBP cuff - 6x11 cm neonate - optional
35312	NIBP cuff - 10x19 cm pediatric - optional
35313	NIBP cuff - 21x35 cm adult - spare
35314	SpO <sub>2</sub> rubber probe*** D type - adult - opt. - need ext. cable
35315	Reusable SpO <sub>2</sub> probe*** D type - neonate - opt. - need ext. cable
35316	Reusable SpO <sub>2</sub> probe*** D type - pediatric - opt. - need ext. cable
35317	Reusable SpO <sub>2</sub> probe*** D type - adult - spare - need ext. cable
35318	Extension cable for SpO <sub>2</sub> probes - spare
	See disposable Nellcor compatible SpO <sub>2</sub> sensors - page 351
35319	Respironic Mainstream (33797) and Sidestream (33796) CO <sub>2</sub> sensors - page 350
35320	Rechargeable lithium battery - spare
35322	ECG cable 5 leads - spare
35322	ECG cable 10 leads - spare for 35308, 35332
35148	Trolley - optional
35321	IBP**** single use monitoring kit for 35310 - spare

\*\*\*Invasive Blood Pressure (IBP) is a direct measurement of the patient's arterial or venous blood pressure. Catheter is inserted directly into a vein, artery or other pressure access areas and connected to a pressure transducer for measuring systolic, diastolic and mean blood pressures. The monitor can display data and a waveform for each pressure channel.

## TECHNICAL SPECIFICATIONS

ECG	Input dynamic range: ±(0.5-5 mVp)	NIBP measurement mode: Manual, Auto, STAT, Multi-cycle mode	
Differential input impedance: ≥10 MΩ		NIBP measuring accuracy: Mean difference: ±5 mmHg	
Bandwidth: 0.05-150 Hz (Diagnostic), 0.5-40 Hz (Monitoring)		Standard deviation: 8 mmHg	
CMRR: ≥90 dB (Diagnostic)		1-480 min	
≥105 dB (Monitoring & Operation)			
Sensitivity selection: x1/4, x1/2, x1, x2, x4 and Auto		Auto measuring intervals: SpO <sub>2</sub>	
Sweeping speed: 6.25 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s		Technique: Dual-wavelength optical method	
HR measuring range: 15-350 bpm ±1% or ±2 bpm, whichever is greater		Measuring range: 0%-100% ±2% for SpO <sub>2</sub> range 70-100%	
Pacemaker pulse detection and rejection function		PR measuring range: 30-250bpm ±2bpm or ±2%, whichever is greater	
RESP		Low perfusion performance: As low as 0.3%	
Measuring range: 0-120 rpm ±5% or ±2 rpm, whichever is greater		EtCO <sub>2</sub> (only for 35310, needs 33796 or 33797)	
TEMP		Technique: Infrared optical method	
Measuring range: 21.0-50.0 °C ±0.2 °C from 25-45 °C		Sampling mode: Sidestream or Mainstream	
NIBP		Measuring range: 0-150 mmHg	
Technique: Oscillometric method		Measuring accuracy: 0-40 mmHg ±2 mmHg; 41-70 mmHg ±5%; 71-100 mmHg ±8%; 101-150 mmHg ±10%; 50 ml/min ±10 ml/min (Sidestream)	
Typical measurement time: <30 seconds (adult cuff)		Flow rate: IBP - 35310 only	
NIBP measuring range: SYS: 40-275 mmHg (Adult)		Technique: Strain gauge transducer	
40-200 mmHg (Pediatric)		Input sensitivity: 5 μV/V/mmHg	
40-135 mmHg (Neonate)		Measuring range: -50-300 mmHg ±2% or ±4 mmHg, whichever is greater	
NIBP measuring range: DIA: 10-210 mmHg (Adult)		Measuring positions: ART, RAP, PA, LAP, CVP, ICP, AUXP1, AUXP2	
10-150 mmHg (Pediatric)		Calibration: zero calibrating	
10-95 mmHg (Neonate)		Other Specifications	
NIBP measuring range: MAP: 20-230 mmHg (Adult)		Power supply: AC 100-240 V, 50/60 Hz, 60 VA	
20-165 mmHg (Pediatric)		Built-in lithium battery: 11.1V/4400 mAh	
20-110 mmHg (Neonate)		Alarming method: 3 levels audible-visible alarm	
		Networking - Safety standard: Ethernet - IEC 60601-1	

## PATIENT CENTRAL STATION UP TO 64 MONITORS FOR UP7000\*, K12, K15

- 35323 CENTRAL STATION SOFTWARE
- Software collects all data of each bedside monitor and displays them in a collective way. It stores, monitors and analyses the trend data of ECG and other parameters. It can manage up to 64 bed monitors. It includes U-Disk (software+manual) and dongle.
- 33745 CENTRAL STATION SYSTEM PC+MONITOR

- 33746 LAN CABLE - 3 m
  - 33767 LAN CABLE - 30 m
- One cable for any monitor to be connected. Customized cable length on request. Manual in: GB, IT.

\*Since S.N. J3300PG00766

