Phoebus P515



Vital Sign Monitor

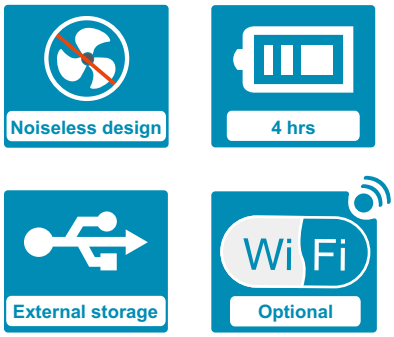
The Patient Monitor **Phoebus P515** is for continuous monitoring of physiological and vital functions of a patient. It is used for intensive care units, operating theatre, emergency room and hospital in-patient monitoring.

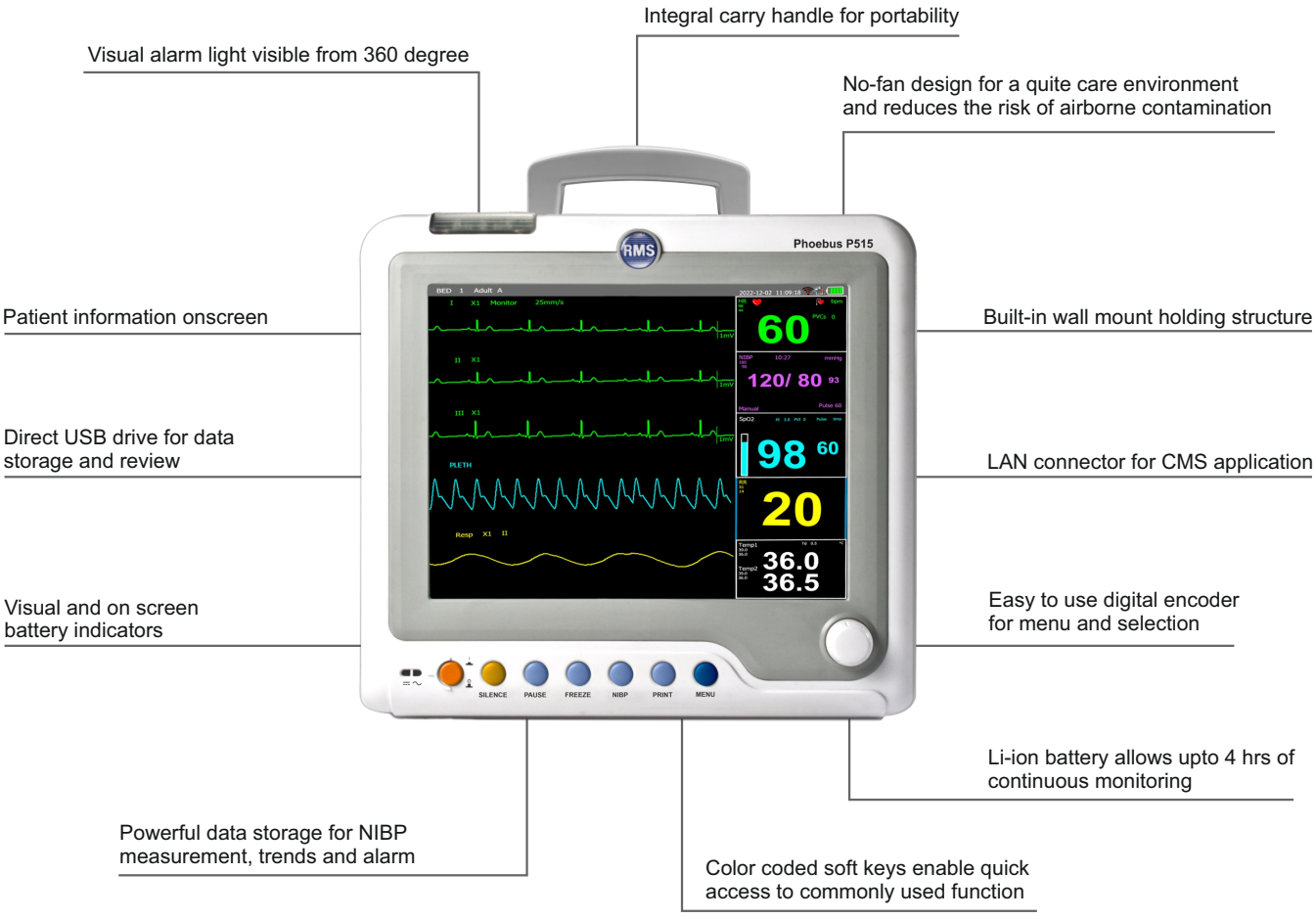
At the same time, its built-in rechargeable battery provides convenience for patient movement.

It has abundant functions, such as audible (human voice) and visual alarm, trend data storage and output, alarm event marking and drug concentration calculation.

Features

- ECG, NIBP, SpO_2, Respiration and Temperature
- Compact, light and convenient for mobile monitoring
- 12.1″high resolution TFT color display
- Adult, Pediatric and Neonatal monitoring
- Arrhythmia detection with alarm facility
- Graphical and Tabular Trends storage (720 hrs)
- Perfusion index and Pleth variability index in SpO_2
- Drug dose calculation and titration table
- Color coded Visual and Audio (beep, voice) alarms
- OxyCRG to check respiration and circulation function for neonates
- Pace detection and real time ST segment analysis
- Electrocautery and Defibrillator protection
- Wave smoothening
- Data export though USB
- CMS connectivity (wires, wireless)*





Cost-Effective Patient Monitoring System

End tidal Carbon Dioxide for Intubated/Non-Intubated Patients (optional)

Respiration



- Robust and long life pump reduces periodic maintenance
- No calibration required
- Proprietary sample cell protects internal NDIR components for contamination
- Unique accessories and supplies for all patients

Sidestream



- Light weight and compact design
- Rugged, solid state with no moving parts
- Fast, accurate on airway measurement
- No calibration required

Mainstream

Display Modes



3/5-leadECG Analysis



NIBP Trends



Large Font



OxyCRG for Neonate

Built-in Memory

1000	720 h	200	12h
NIBP Measurement Review	Trend Review	Alarm Review	Wave Review

Choice*



Low Perfusion Pulse Oximetry



Thermal Printer



Wall Mount and Accessories bucket



Rolling Trolley

Phoebus P515 - Technical Specifications

ECG

Leads mode	I, II, III, AVR, AVL, AVF, V	
Gain	X 0.25, X 0.5, X1, X2	
Heart Rate	15-300BPM (Adult), 15-350BPM (Neonatal)	
Resolution	1BPM	
Accuracy	±1%	
ST measurement range	±2.0mV	
Accuracy	±10%	
Pace Detection	Yes	
Sweep Speed	12.5mm/s, 25mm/s, 50mm/s	
Bandwidth	Diagnostic	0.05 ~ 130 Hz
	Monitor	0.5 ~ 40 Hz
	Surgery	1 ~ 20 Hz

SpO_2

Measurement range	0 – 100%
Resolution	1%
Accuracy	2% (70-100%)
Pulse Rate	20-250 BPM
Resolution	1 BPM
Accuracy	±3 BPM

Respiration

Measure Range	0-150 BrPM
Resolution	1 BrPM
Accuracy	± 2%

NIBP

Work Mode		Manual, Automatic and continuous
Unit		mmHg, kPa
Measure range -		
Adult	SYS	40-280mmHg
	DIA	10-225mmHg
	MEAN	20-240mmHg
Pediatric	SYS	40-220mmHg
	DIA	10-160mmHg
	MEAN	20-170mmHg
Neonatal	SYS	40-135mmHg
	DIA	10-100mmHg
	MEAN	20-110mmHg
Resolution		1mmHg
Accuracy		± 5mmHg
Protection		Over pressure

Temperature

Measure range	0-50°C
Resolution	0.1°C
Accuracy	± 0.1°C

IBP (optional)

Channel	2
Measure Range	50 ~360mmHg
Accuracy	±2%

CO_2 (optional)

Measure range	0% ~ 13%
Resolution	1 mmHg
Accuracy	2 mmHg@ <5.0% (at ATPS)
AwRR	3 - 150 bpm

Recorder (optional)

Width	48 mm
Speed	25/50 mm/s
Channel	2

General

Mainboard software	Upgrade via network
Dimension	330(W) X 305(H) X 164(D) mm
Weight	3.3 Kg approx. (with battery)
Battery Backup	4 hrs.
Battery	⎓ 14.8V, 2200mAh Li-ion rechargeable
Power input	~ 165-265V, 50/60Hz, ±10%
Networking	Ethernet

Standard Accessories

Component	Qty.
ECG cable 5 lead	01 no
SpO_2 Probe (Adult)	01 no
NIBP Cuff (Adult)	01 no
Temperature Probe (Rectal)	01 no
ECG electrodes (Disposable)	10 nos

Optional

IBP, Capnography, Thermal Printer, WiFi, CMS, Rolling Trolley, Wall Mounting and Temperature Probe (Skin)



ECG Cable



SpO_2 Sensor



NIBP Hose



NIBP Cuff



Rectal Temp. Probe



Skin Temp. Probe *

*Optional

Since R&D is a continuous process, to make changes in product features, specifications, aesthetics and/or to discontinue the same at any time without notice or obligation

Certified ISO 9001:2015, EN ISO 13485:2016 company CE

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rev. 12/2022