Phoebus P529



Vital Sign Modular Monitor

Accurate Readings and Optimized Performance

The Phoebus P529 is a full modular monitor intended to be used for monitoring, storing, reviewing, and recording patients data during treatment in the hospital environment. It offers plug-and-play modules and an extensive modular rack that can be used in a wide range of parameters simultaneously, adapting from critical cares to anesthesia monitoring with additional monitoring capabilities including ICG, RM and BIS.

Features

- Large 15 inch colour touch screen TFT display
- Carry handle and wall mount facility
- Adult, Pediatric, Neonate for all parameters
- 3/5 lead ECG, suppot 7 ECG waveforms
- Excellent ECG Anti-ESU, anti- defibrillator performance
- Unique NIBP algorithm keep accuracy in all kinds of patient conditions
- Unique human voice alarm
- Drug Dose calculation and Titration table
- USB data output with software to check on computer
- 7 screen layouts: Standard, BigFont, Trend table, OxyCRG, ECG Full-lead, NIBP Trend, Otherbed
- Dynamic screen setting, every parameters and waveforms can set open or closed
- 720 hours trend data and 2 hours wave data
- Modular monitor with 4 slots: IBP, EtCO2, GAS and CSM/IoC
- Lithium-ion, rechargeable battery
- Gas module can auto detect 5 anesthesia - HAL, ENF, ISO, SEV, DEV (optional)
- WiFi / LAN ouput for easy CMS connectivity (optional)





Built-in Memory

1000 NIBP Measurement Review	200 Alarm Review
72h Trend Review	2h Wave Review

Cost-Effective Patient Monitoring System

No-fan design for a quite care environment and reduces the risk of airborne contamination

Li-ion Rechargeable Battery

Visual alarm light visible from 360 degree

Patient information onscreen

Built-in wall mount holding structure

Direct USB drive for data storage and review

LAN connector for CMS application

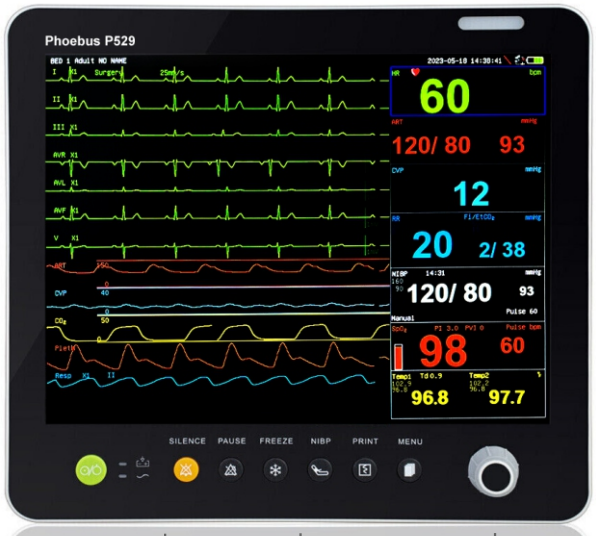
Visual and on screen battery indicators

On-screen 7 display formats

Easy to use digital encoder for menu and selection

Powerful data storage for NIBP measurement, trends and alarm

Color coded soft keys enable quick access to commonly used function



Fully modular design with wide range of application from ward to ICU



Light-weight plug and play modules with combination for swapping



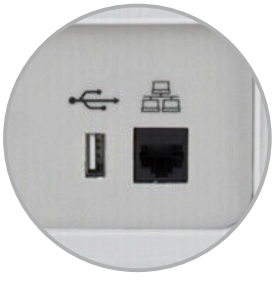
Both Side Slots for Vital Modular Module



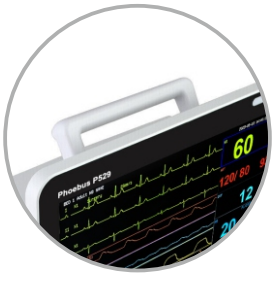
Fixed Vital Parameters



15" colour touch screen



USB data transfer and ethernet



Integral carry handle for portability

Phoebus P529 - Technical Specifications

ECG

Lead mode	I, II III AVR, AVL, AVF, V
Gain	x 0.25. X0.5. x1. X2
Heart Rate	15-300BPM(Adult)15-350BPM(Neonatal)
Resolution	1BPM
Accuracy	± 1%
ST measurement Range	-2.0-+2.0mV
Accuracy	110%
Pacemaker	Yes
Sweep Speed	12.5mm/s.25mm/s,50mm/s
Bandwidth	
Diagnostic	0.05 - 130Hz
Monitor	0.5 - 40 Hz
Surgery	1 - 20Hz

SPO2

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

RESP

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

TEMP - 2 Channel

Measure range	0-50ºC
Resolution	0.1ºC
Accuracy	± 0.1ºC
Probe type	Skin

NIBP

Work Mode	Manual, Automatic, 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
		MA	10-100mmlig
		MEAN	20-110mmHg
Resolution	1mmHg		
Accuracy	±5mmHg		

IBP

Channels	2
Measure range	-50 ~ 360mmHg
Accuracy	±2%

EtCO2

Measure range	0% ~ 13%
Resolution	1mmHg
Accuracy	± 2 mmHg @< 5.0% CO2(at ATPS)
AwRR	3 -150 bpm

IOC (optional)

IOC	0 ~ 100
EMG	0 100
ESR	0 ~ 100

IRMA multi-gas module (optoinal)

Measurement range	
CO_2	0 ~ 10%
N_2O	0 ~ 100%
Des	0 ~ 18%
Sev	0 ~ 8%
Enf. Iso. Hal	0 ~ 5%
AwRR	3 ~ 100 BrPM
O_2	0 ~ 100% (optional)

General

Mainboard software	Upgrade via network
Dimension	350(W) X 320(H) X 140(D) mm
Weight	5 Kg approx. (with battery)
Battery Backup	4 hrs.
Battery	⎓ 14.8V, 2200mAh Li-ion rechargeable
Power input	∿ 165-240V, 50/60Hz, ±10%
Networking	Ethernet

RECORDER (optional)

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

Mainboard software

Mainborad software support upgrade via network



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

Recorders & Medicare Systems (P) Ltd.

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