



Compact 5

Compact and cost effective
multi-parameter patient monitor



medical **ECONET**

G E R M A N Y

- 7" wide TFT color monitor (800x480 pixels)
- 2ch. ECG, SpO2, NIBP, Respiration, Temperature
- 120 hours trend saving time
- Networkable with PC (LAN, RS-232, HL 7 and optional WLAN)
- ST & PVC analysis
- Built-in rechargeable Li-ion battery and printer

Specifications - General

Monitor Performance Specifications	
Display	7" Wide color TFT (800 x 480)
Dimension	238(W) x 250(H) x 155(D)mm, Approx. 3.1kg
Indicators	Up to 4 waves (2*ECG, SpO2, Respiration) Categorized alarms (3 priority levels) Heart rate, SpO2 Pitch tone Battery status External power LED
Interfaces	DC input connector : 18VDC, 2.5A Defib. Sync. Output -Signal Level : 0 to 5 V pulse -Pulse Width : 100±10 ms LAN digital output for transferring data Nurse call system support DC output : 3.3 VDC, 1A Max
Battery	Battery Type : Li-ion Battery status indicator Operating Time : 3 hours typically (fully charged battery)
Thermal Printer (Standard)	Speeds : 25, 50 mm/sec Paper Width : 57 mm
Graphical and Tabular Trends	
Tabular Trends	Memory Storage : 120 hours Data Interval : 1, 5, 15, 30 min., and 1hour Tabular Format : One table for all variables
Graphical Trends	Display Duration : 30, 60, 90 minutes, 3, 6, 12 hours
Accessory	
Standard accessory	3-lead patient cable 1ea Electrodes 10ea NIBP Extension tube(3m) 1ea Adult cuff, 25~35 cm, reusable 1ea SpO2 sensor extension cable(2m) 1ea SpO2 sensor, reusable 1ea DC adapter, 18VDC, 2.5A 1ea
Optional accessory	Temperature probe, rectal / skin, reusable 5-lead patient cable Child Cuff, Neonate Cuff *Refer to our accessories catalog
Language Version	
	German, English, French, Spanish, Italian, Russian, Czech, Polish, Turkish, Romanian, Portuguese, Bulgarian

Dimensions



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Specifications - Performance

ECG	
Leads	3 leads / 5 leads(option)
Heart Rate Range	30 to 300bpm
Heart Rate Accuracy	± 3 bpm
ST Level	Yes
PVC Count Display	Yes
Bandwidth	0.5 Hz to 40 Hz
ECG Size (Sensitivity)	0.5, 1, 2, 4 mV / cm
Pacemaker Detection Mode	Indicator on waveform display, user selectable
Differential Input Impedance	>5Ω
CMRR	>90 dB at 50 or 60 Hz
Input Dynamic Range	± 5 mVAC, ± 300mVDC
Defibrillator Discharge	<5 sec
Arrhythmia analysis	VTAC / VFIB / ASYSTOLIC
Lead - Off Detection	Yes
ST & PVC analysis	Yes
SpO2	
%Saturation Range	0% to 100%
Pulse Rate Range	0~254bpm
SpO2 Accuracy	70% to 100% ± 2 digits 0% to 69% unspecified
Pulse Rate Accuracy	± 2 bpm
Pitch tone Sound	Yes
NIBP	
Technique	Oscillometric
Measurement Modes	Manual : Single measurement Auto : Automatic intervals of 1, 2, 3, 4, 5 10, 15, 20, 30 min. and 1, 2, 4, 8 hr. STAT : Continuous measurement during 5 min.
Cuff Pressure Display	0 to 300mmHg
B.P. measurement range	Systolic : 60 to 250mmHg Mean : 40 to 235 mmHg Diastolic : 30 to 220 mmHg
Cuff Inflation Pressure	Adjustable
Respiration	
Range	5 to 120 breaths / min
Accuracy	± 3 breaths / min
Temperature unit	
Range	15°C to 45°C (59°C to 113°C)
Accuracy	25°C to 45°C ± 0.1°C, 15°C to 24°C ± 0.2°C
Compatible with	YSI Series 400 Series compatibility

Standard Accessories



CE 0123

Distributor

*All specifications are subject to change without notice