

Specifications

Dimensions (not including the protrusion)	
305 (W) mm x 265 (H) mm x 171 (D) mm / 12.0 (W) inch x 10.4 (H) inch x 6.7 (D) inch	
Weight (not including the optional accessories)	
3.65 kg / 8.05 lb	
Environmental Conditions	
Operating Temperature	10°C to 40°C
Operating Humidity	30% to 85% (non-condensing)
Transport/Storage Temperature	-10°C to 60°C
Transport/Storage Humidity	10% to 95% (non-condensing)
Storage Atmospheric Pressure	70 kPa to 106 kPa
Power Supply	
Rated Voltage	100 - 240 V AC, DC 14.8 V (when using battery)
Power Consumption	100 VA or less during AC power operation
Battery for Operating the Equipment	
Operation Time	Approx. 2 hours (NIBP 15-min interval, the option units are not used, battery protection: ON [default]) Approx. 3 hours (NIBP 15-min interval, the option units are not used, battery protection: OFF)
Charging Time	Quick Charge (when the device is not operating): within 4 hours Normal Charge (when the device is operating): within 10 hours
Telemetry	
Frequency	608 - 614 MHz

Performance

*Depends on the bedside monitor and telemetry device connected to the network. Also the displayed items depend on the equipment itself.

Display	
Display Element	TFT Color LCD
Size	12.1 inch
Resolution	1280 pixel x 800 pixel
Waveform Trace	Stationary Trace
Touch Panel	Capacitive Touch Panel
Sweep Speed	
ECG/SpO2/BP	25, 50 mm/s
RESP/CO2	6.25, 12.5, 25 mm/s
Parameters*	
Heart Rate/Pulse Rate/ST Level/Arrhythmia, Respiration Rate/Apnea Time (Impedance, CO2), SpO2 (Medtronic® (Nellcor™) /Masimo®), NIBP (SYS, DIA, MAP, Cuff Pressure, PR, Oscillation Graph), Perfusion Index, RPP, SI, EtCO2 (optional), InspCO2 (optional), Temperature (optional)	
Waveform*	
ECG, Respiration, SpO2, IBP, CO2 (optional)	
Arrhythmia Analysis (28)*	
Asystole, VF, VT, Slow VT, Run, Couplet, PAUSE, Bigeminy, Trigeminy, Frequent, Tachy, Brady, Ext Tachy, Ext Brady, R on T, Multiform, Vent Rhythm, SVT, AFib, Irregular RR, Prolonged RR, Pacer Not Capture, Pacer Not Pacing, Triplet, S Frequent, S Couplet, VPC, SVPC	
Scoring Function	
Score Mode	EWS1 (Early Warning Score), qSOFA (quick-Sequential Organ Failure Assessment), NEWS2 (National Early Warning Score)
Recorder Specification (optional)	
Printing Waveforms	3 waveforms (maximum)
Printing Speed	25 mm/sec., 50 mm/sec.
Printing Type	Waveform, Tabular Trend, Graphic Trend

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Rx Only

DYNASCOPE Bedside Monitor
BDS-2100 System

Smarter Monitoring for Better Care

Smarter workflows. Faster decisions. Improved patient comfort.



FUKUDA

Medical Innovation for a Brighter Tomorrow

Achieve Intuitive, Smartphone-like Operation

DYNA-GRAPHIC INTERFACE

Dyna-Graphic Interface Engine Equipped

A next-generation user interface designed to provide intuitive, smartphone-like operation for medical devices.

Drag and drop to easily customize the initial screen layout.
(Measurement values / user key layout settings)



Clear Visibility from Any Angle

Tilted display with optical bonding and anti-glare technology delivers clear visibility from any angle. The display is tilted by 7 degrees, and the ergonomic handle ensures easy and stable handling in any clinical environment.

Tilted Display

Tilted screen provides better visibility and reduces glare in various lighting conditions.

Handle

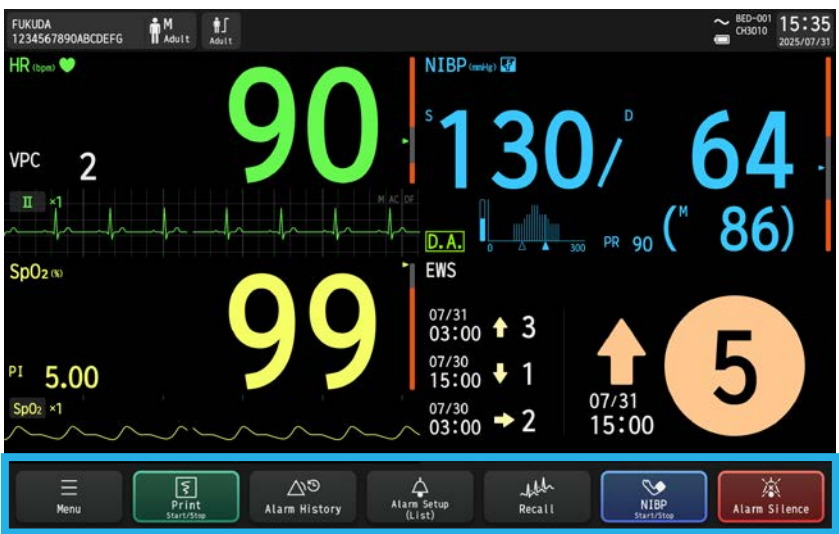
Ergonomic handle for easy carrying and repositioning.



Large, Easy-to-View Display

Large, Easy-to-Read Numeric Display with Enhanced Layout Options

Multiple layout patterns can be selected based on patient condition and clinical environment.

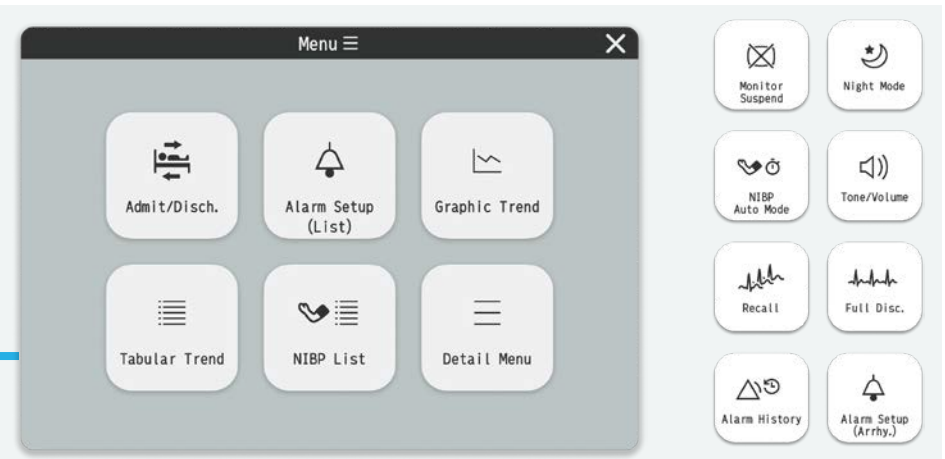


User Keys with Easy-to-Recognize Icons

Register frequently used functions and screen shortcuts for smoother navigation and quicker access.

One-Touch Access to Key Functions

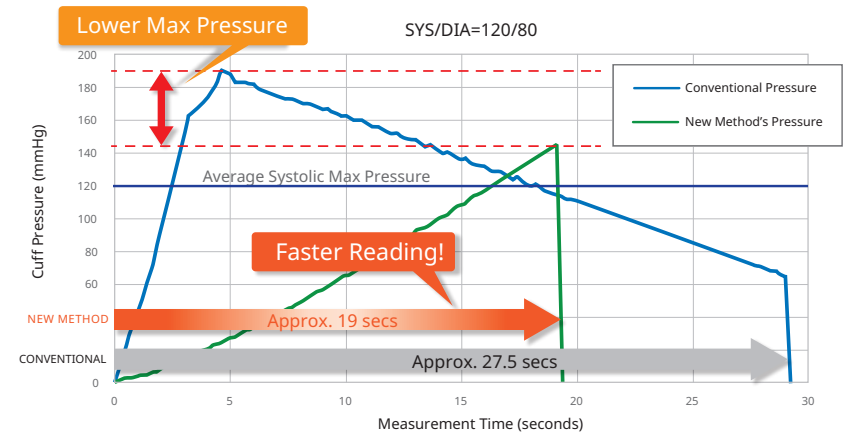
Up to five frequently used functions can be registered for quick access.
Detailed menu settings cannot be modified.



Inflation NIBP Measurement Method

Realizes "gentle blood pressure measurement" with lower max pressure than conventional devices.

*By using our designated device settings and cuff, blood pressure measurement during increasing pressure (inflation measurement method) is possible.



Fukuda Original Cuffs

