

Specifications

Model: BDS-2100	
Type	BDS-2100MRT BDS-2100NRT
External Dimensions (not including the protrusion)	
305 (W) mm x 265 (H) mm x 171 (D) mm	
Weight (not including the optional accessories)	
BDS-2100MRT	3.82 kg
BDS-2100NRT	3.80 kg
Display	
12.1 inch TFT color LCD	
Resolution	
1280 x 800 pixels	
Printing Method	
Thermal Printing Method	
Paper Width	
50 mm	
Waveform Printing Speed	
50, 25 mm/s	
Battery Operating 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)	
Battery Charging Time	
When the unit is not in operation (quick charging) : within 4 Hours When the unit is in operation (normal charging) : within 10 Hours	
Trend Data Storage	
Up to 336 Hours	
List Data Storage	
Up to 336 Hours	
Recall Capacity	
Up to 300 Events	
Full Disclosure Waveform (optional)	
Up to 336 Hours	
Alarm History	
Up to 20,000 Events	
Protection Against Electric Shock	
Class I Equipment (internally powered equipment when operating on battery)	

Configuration

Type	SpO2	Recorder	Telemetry
BDS-2100MRT	Manufactured by Masimo	○	○
BDS-2100NRT	Manufactured by Medtronic	○	○

Waveform*	ECG, Respiration, SpO2, IBP, CO2 (optional)
Parameters*	Heart Rate / ST / Arrhythmia Respiratory Rate (Impedance Respiration) Arterial Oxygen Saturation, Pulse Rate Perfusion Index (PI) (PI available on BDS-2100MRT only) RR-SpO2 (when Nellcor™ sensor is used) SpCO, SpMet, SpHb, PVI, SpOC (when Masimo® sensor is used) NIBP (SYS / DIA / MAP / Cuff Pressure / Pulse Rate / Oscillation Graph) IBP (SYS / DIA / MEAN / Pulse Rate) - Up to 2 channels Temperature - Up to 2 channels Cardiac Output - 1 channel Gas Concentration (EtCO2 / InspCO2 / Respiratory Rate) Apnea (when optional module is used) Shock Index
Arrhythmia Analysis (28)*	Asystole, VF, VT, Slow VT, Run, Couplet, PAUSE, Bigeminy, Trigeminy, Frequent, Tachy, Brady, Ext Tachy, Ext Brady, R on T, Multifiform, Vent Rhythm, SVT, AFib, Irregular RR, Prolonged RR, Pacer Not Capture, Pacer Not Pacing, Triplet, S Frequent, S Couplet, VPC, SVPC
*Depends on the device configuration	

Accessories

ECG Sensors (For Europe)		
Patient Cable CMO-N Series	CMO-03NTG-0.9U	3-electrode
	CMO-04NTG-0.9U	4-electrode
	CMO-05NTG-0.9U	5-electrode
ECG Relay Cable CIT-13 DIN Series	CIT-13DIN3-0.3U	For three electrode use
ECG Relay Cable CIO-13 CTP Series	CIO-13CTP-2.7	For 3, 4, 5- electrode (common)
Other		
CO2 Gas Unit	HCP-110	
Gas Unit I/F	HPD-110	
Rechargeable Lithium-ion Battery Pack	BTO-008	
Trolley (S)	OTO-16S	
SD Card	FSD-32G	For Full Disclosure Waveform
Detachable Attachment for Patient Monitor	OAO-1000	
GCX Attachment for Monitor	OAO-116A	
VESA Attachment for Patient Monitor	OAO-128A	
Thermometer Connection Cable	CJO-32RS0.1	
Thermometer Holder	OAO-125A	
Other Medical Device		
Temporal Scanner	TAT-5000S-RS232-QR	Manufacturer: Exergen Corporation

DYNASCOPE Patient Monitor
BDS-2100 System

Smarter Monitoring for Better Care

Smarter workflows. Faster decisions. Improved patient comfort.



FUKUDA DENSHI reserves the right to change specifications without notice.



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

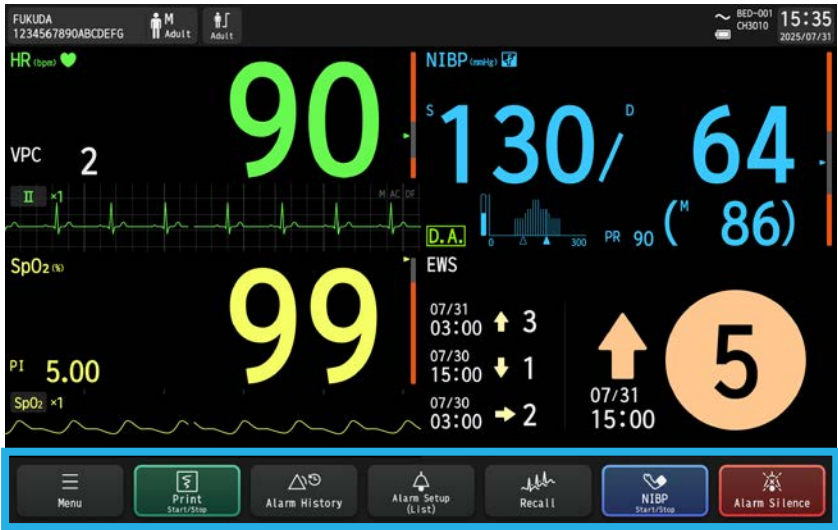
Ergonomic handle for easy carrying and repositioning.



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.

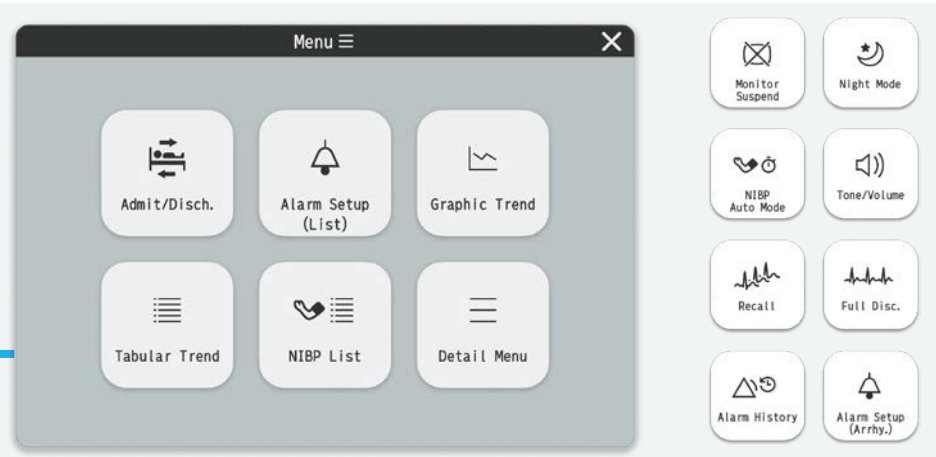


User Keys with Easy-to-Recognize Icons

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

One-Touch Access to Key Functions

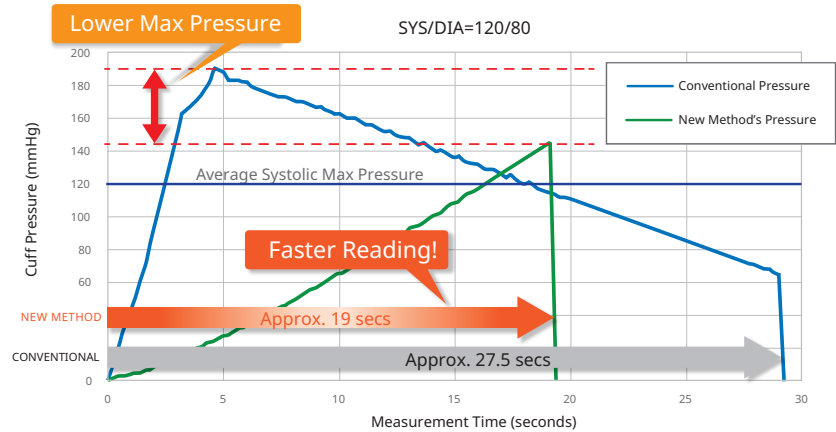
Up to five frequently used functions can be registered for quick access.
Detailed menu settings cannot be modified.



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

