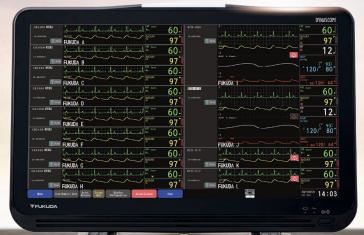
# DYNASCOPE DS-1700 System





Size	535 (MA mm v 200 (H) mm v 170 (D) mm v 10 mm	Display		
Size	535 (W) mm x 390 (H) mm x 170 (D) mm ±10 mm 21.1 (W) inch x 15.4 (H) inch x 6.7 (D) inch ±0.4 inch	Display Display Element	Color LCD with Touch Panel	
	(not including the protrusion)	Size	21.5 inch wide	
Weight	9 kg ±3 kg 19.8 lb ±6.6 lb (not including the optional accessories)	Resolution	1920 dot x 1080 dot (Full HD)	
		Waveform Trace	Stationary Trace	
		Touch Panel	Capacitive Touch Panel	
Environmental Conditions		Displayed Parameter	ECG, RESP, TEMP, SpO <sub>2</sub> /SpO <sub>2</sub> -2 (Arterial Oxygen Saturation	
Operating Temperature	10°C to 40°C	Pulse Rate, BP1-8, NIBP, CO <sub>2</sub> concentration, O <sub>2</sub>		
Operating Humidity	30% to 85% (non-condensing)		concentration, N <sub>2</sub> O concentration, AGENT, SvO <sub>2</sub> (Mixed Venous Oxygen Saturation), CCO (Continuous Cardiac Output), CCI (Continuous Cardiac Index), BT (Blood Temperature), SpCO (Carboxyhemoglobin Concentration). SpMet (Methemoglobin Concentration), SpHb (Total Hemoglobin Concentration), MVe (Expiratory Minute Volume), TVe (Expiratory Tidal Volume), TVi (Inspiratory Tidal Volume), PEAK (Peak Airway Pressure), PEEP (Peak End Expiratory Pressure), MEAN (Mean Airway Pressure), ScvO <sub>2</sub> (Central Venous Oxygen Saturation), rSO <sub>2</sub> (Regional oxygen saturation)	
Transport/Storage Temperature	-10°C to 60°C			
Transport/Storage Humidity	10% to 95% (non-condensing)			
Storage Atmospheric Pressure	80 kPa to 106 kPa			
Safety				
General Safety Standard	EN 60601-1: 2006 / A1: 2013 (Medical electrical equipment - Part 1: General requirements for basic safety and essential performance)	Displayed Waveform	BIS form ECG, RESP, BP, SpO <sub>2</sub> /SpO <sub>2</sub> -2 (Arterial Oxygen Saturation), CO <sub>2</sub> concentration, O <sub>2</sub> concentration, AGENT (anesthetic gas	
EMC Standard	EN 60601-1-2: 2015 (Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral standard: Electromagnetic disturbances - Requirements and	Sweep Speed	<ul> <li>Concentration, We (Airway Pressure), AWF (Airway Flow), AWV (Airway Volume)</li> <li>ECG, SpO<sub>2</sub>/SpO<sub>2</sub>-2 (Arterial Oxygen Saturation), IBP: 12.5, 25 mm/sec.</li> </ul>	
	tests)		RESP, CO <sub>2</sub> concentration, O <sub>2</sub> concentration, AGENT	
Protection against electrical shock	Class I Equipment/Internally Powered Equipment		(anesthetic gas concentration), AWP (Airway Pressure), AWF (Airway Flow), AWV (Airway Volume): 6.25, 12.5, 25 mm/sec.	
Operation Mode	Continuous Operating Equipment		(Airway How), Avvv (Airway Volume), 0.23, 12.3, 23 min/sec.	
Degree of protection against ingress of water	IPX0 (no protection)	Network		
Classification according to the degree of safety when using in the presence ofair or	Not provided	Network Configuration	DS-LAN III Network, Wireless System	
flammable anesthetic gas or oxygen or nitrous oxide and		Telemetry Reception		
flammable anesthetic gas		Number of Receiving Beds	Maximum of 8 beds By connecting wired bedside monitors and telemetry receiver:	
Power Supply			by DS-LAN III network, maximum of 32 beds can be monitored.	
Rated Voltage	100-240 V AC	Transmitter	LX-8100, LX-8300, HLX-801, Bedside Monitor (with HLX-801 or equivalent)	
Frequency	50/60 Hz			
Power Consumption	100 VA and below	Antenna Connector	F Туре	

Operation Time Charging Time

60 minutes and more (at 23°C)

2.5 hours (during standby), 5 hours (during normal operation)

## Arrhythmia Type

# Parameters Arrhythmia

Asystole (Cardiac Arrest) VF (Ventricular Fibrillation) VT (Ventricular Tachycardia) Slow VT Run (Consecutive VPC) Couplet (Couplet VPC) Pause Bigeminy (Ventricular Bigeminy) Trigeminy (Ventricular Trigeminy) Frequent (Frequent VPC) Tachy (Tachycardia) Brady (Bradycardia) Ext Tachy (Extreme Tachycardia) Ext Brady (Extreme Bradycardia)

R on T (R on T VPC) Multiform (Multiform VPC) Vent Rhythm (Ventricular Rhythm) SVT (Supraventricular Tachycardia) AFib (Atrial Fibrillation) Irregular RR (Irregular RR Interval) Prolonged RR (Prolonged RR Interval) Pacer Not Capture (Non-Capture) Pacer Not Pacing (Oversensing) Triplet (Triplet VPC) S Frequent (Frequent SVPC) S Couplet (Couplet SVPC) VPC (Ventricular Extrasystole) SVPC (Supraventricular Extrasystole)

## Composition of the System The following model types are available Number of Telemetry Receiving Beds Extended Display DS-1700L 0 No No DS-1708 8 No No DS-1700LR 0 Yes No DS-1708R 8 Yes No DS-1700LE 0 No Yes DS-1708E 8 No Yes DS-1700LRE 0 Yes Yes DS-1708RE 8 Yes Yes

Other equipment such as general-purpose display unit, mouse, keyboard can be also connected. Models sold vary by region. Please contact us or the distributors for details.

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