Nihon Kohden · Patiëntmonitoring

Life Scope G7

CSM-1701 / CSM-1702

Bedside monitor with a 15.6-inch (CSM-1701) or 19-inch (CSM-1702) touchscreen, MULTI connections with Smart cables and HL7 output to the hospital network.

Screen size	Network	Trend storage
15.6 inch (CSM-1701) /…	**LS-NET, HL7 output**	**72 hours**

Description

The Life Scope G7 (CSM-1701/CSM-1702) is a bedside monitor from Nihon Kohden for continuous monitoring, recording and alarming of multiple physiological parameters in adults, children and neonates. The monitor has a 15.6-inch (CSM-1701) or 19-inch (CSM-1702) touchscreen and measures additional parameters via MULTI connections with Smart cables.
Via LS-NET and HL7, the monitor can be connected to central monitors and the hospital network.

Specifications

Type	Bedside monitor, CSM-1700 series (Life Scope G7)
Models and core unit	CSM-1701 (core unit CU-171R); CSM-1702 (core unit CU-172R)
Intended use	Continuous monitoring, recording and alarming of multiple physiological parameters of adults, children and neonates in the operating theatre, recovery room, ICU, CCU, HDU, NICU, ED, general ward and other departments.
Screen size	CSM-1701: 15.6-inch colour TFT LCD; CSM-1702: 19-inch colour TFT LCD
Resolution and touchscreen	CSM-1701: 1366 × 768 dots; CSM-1702: 1680 × 1050 dots; capacitive touchscreen (direct bonding)
Additional screens and traces	Up to 2 additional screens: the first via HDMI (1366 × 768), the second via DVI (1680 × 1050; requires optional side option board QI-152P), so three independent screens are possible. Number of traces: CSM-1701 up to 15 (one screen), 30 (two) or 47 (three); CSM-1702 up to 17, 32 or 49.
Operation	Touchscreen, mouse, remote control and barcode scanner. The wireless remote control RY-910PA has six function keys for preset screens; one remote control can operate up to 9 monitors by channel selection.
Measured parameters	ECG (3/6/12 leads), respiration (impedance method), SpO2, SpO2-2, NIBP, IBP, temperature, cardiac output, BIS, CO2 (mainstream), TOF.

Optional parameters	With optional module/unit: CO2 (sidestream), anaesthetic gas (CO2, O2, N2O, agent), Flow/Paw, EEG. With external device and interface: ventilation, CCO, SvO2, tcPO2/tcPCO2, rSO2. With optional software QL-005P/QL-006P: esCCO.
ECG and arrhythmia	Arrhythmia analysis with multi-template matching (2 analysis channels), 25 arrhythmia alarm items; ST measurement; QTc/QRSd; 12-lead analysis. Synthesised 18-lead ECG (synECi18) with optional software QL-004P.
NIBP and SpO2	NIBP: oscillometric, measurement range 0 to 300 mmHg, iNIBP (measurement during cuff inflation) and PWTT-triggered NIBP measurement; adult, child or neonate is recognised by the connected air hose. SpO2: measurement technology Nihon Kohden, Nellcor or Masimo (depending on the input unit).
Input units and MULTI connections	Up to 11 MULTI connections; a Smart cable in a MULTI connection is recognised automatically. Input units: AY-661P and AY-651P/AY-631P (1 MULTI), AY-663P and AY-653P/AY-633P (3 MULTI); expansion: AA-672P (2 MULTI), AA-674P (4 MULTI), AA-174P (4 MULTI). Via MULTI connections, among others IBP, CO2, TEMP, CO, BIS and TOF. With the CSM-1700, the input unit can be placed remotely from the main unit via a data acquisition unit (DAU, JA-170P).
Core unit connections	1 × network, 3 × USB, 1 × HDMI, 1 × serial, 2 × multilink (CSM-1700: also recorder connection 1). Via multilink the monitor receives data from external equipment such as an anaesthesia or ventilation device.
Network and interfaces	LS-NET (Life Scope Networking, Ethernet LAN) to central monitors, other bedside monitors and server; connection to the hospital network with HL7 output. Interbed: individual screen or display of 20 beds. Network printer (A4) can be connected via the LAN port.
Trends and review	Trends (graphic and table) 72 hours; full disclosure 72 hours for 5 waveforms (24 hours when the transport function is enabled); alarm history 16,384 items.
Transport function	Patient data and review can be transferred to another bed by disconnecting the input unit and connecting it to the destination monitor (requires optional memory unit QM-600P in the input unit). A Life Scope PT from the BSM-1700 series can be used as an input unit.
Dimensions and weight (approx.)	CSM-1701 (CU-171R): 403 × 300 × 107 mm (W × H × D), 6.3 kg. CSM-1702 (CU-172R): 475 × 326 × 115 mm (W × H × D), 8.3 kg.
Power	AC 100 to 240 V, 50 or 60 Hz; AC power consumption <= 120 VA; DC (battery) 10.8 V.
Battery	Optional battery pack SB-970P (lithium-ion), 1 unit to prevent data loss in the event of a power failure; operating time three minutes.

Environment	Operating: 5 to 40 °C, 30 to 85% RH (non-condensing), 700 to 1060 hPa. Transport and storage: -20 to +65 °C, 10 to 95% RH, 700 to 1060 hPa. Cooling: natural (no fans).

Request Life Scope G7

Price always on request. We send a quote tailored to you, for one system or several.

Call 033 434 50 60 · info@vcmmedical.nl · vcmmedical.nl/en/request-a-quote/

Product sheet of 12 November 2026, generated automatically from the data on the website. Subject to change. Current data: vcmmedical.nl/en/systems/life-scope-g7/