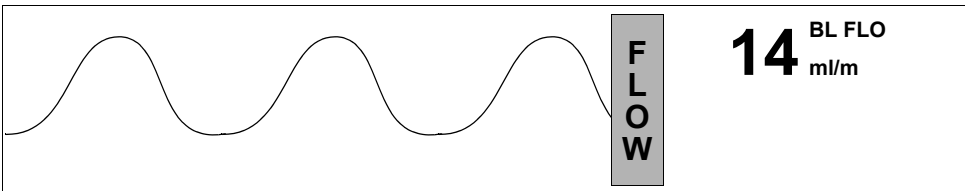
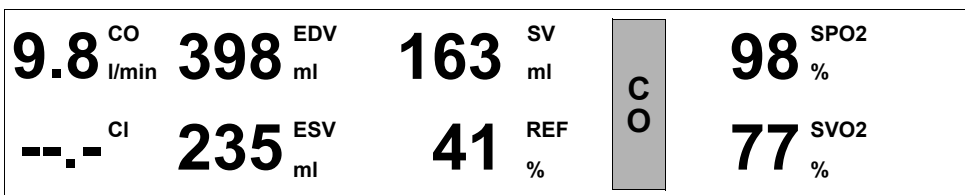
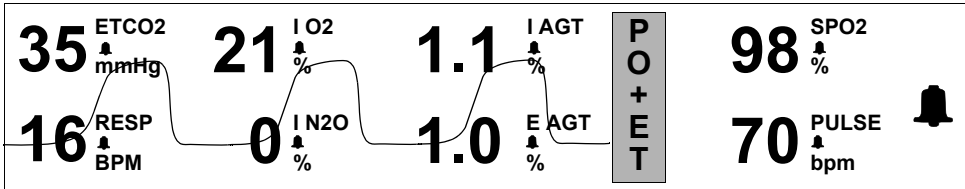
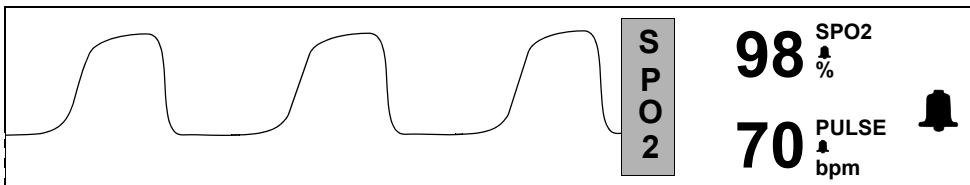


Universal Flexport System Interface 90442A

Summary

The Flexport® System Interface integrates data from any device that supports the Universal Flexport protocol into any Ultraview SL™, Ultraview®, PCMS™, or PCIS™ monitor. Devices incorporating the Universal Flexport Protocol can display up to eight numeric parameters, six of which are alarmable, and a physiological waveform, if available, in digital format. The Flexport system interface provides bedside and central display of alarms, provides tabular and graphical trending, documentation, and provides Remote View and Alarm Watch capabilities from the central and remote monitors. The information from the Flexport system interface is made available to other HL7-compliant information systems. All Spacelabs Healthcare monitors support multiple Flexport system interfaces.



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Features

Parameter Count

Each Flexport interface counts as 1 parameter when computing parameter capacity for monitors.

Product Specifications

Physical Dimensions

Height 2.5 cm (1 in)	Width 13.5 cm (5.3 in)
Depth 4.6 cm (1.8 in)	Weight 0.11 kg (4 oz)

Environmental Requirements

Storage

Temperature
-40° to 75° C
(-40° to 167° F)

Humidity
95% (non-condensing)

Altitude

0 to 12,192 m
(0 to 40,000 ft)

Operating

Temperature
10° to 40° C
(50° to 104° F)

Humidity

95% (non-condensing)

Altitude

0 to 4,572 m
(0 to 15,000 ft)

Connectors and Cable Length

Connectors

Female
6-pin modular jack

Male
9-pin SDLC connector

Cable Length

SDLC Cable Length
30.48 cm (12 in)

RS-232 Cable Length
243.8 cm (96 in)

Maximum Cable Length Total length of all SDLC cables from the power source (monitor or module housing) to the Flexport interface should not exceed 1.8 m (6 ft).

When linking other Spacelabs Healthcare devices, the Flexport interface must be the closest device to the monitor.

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Device Interfaces

Note Each interfaced device must have an appropriate RS-232 interface and Spacelabs Healthcare-approved Universal Flexport protocol operating software of a specific level to function with the Universal Flexport. Contact the device manufacturer before ordering to confirm capability.

The following table lists companies that have incorporated the Universal Flexport protocol into their devices, together with the Spacelabs Healthcare 90442A.

Company/Product	Spacelabs Healthcare Installation Kit Part Number
Criticare 504 Pulse Oximeter	045-0001-00
Criticare POET-II 602-3 Analyzer	045-0002-00
Criticare POET IQ2	045-0160-00
Baxter-Edwards Explorer Monitor	045-0010-00
Biochem International BCI-9000 Capnograph-Oximeter	045-0020-00
Transonics HT-107 Flowmeter	045-0030-00
Tyco Nellcor N6000 Analyzer	045-0031-00
Edwards Vigilance I VGS (US) Monitor	045-0033-00
Edwards Vigilance I VGS (Euro) Monitor	045-0034-00
Edwards Vigilance II Monitor	045-0161-00
Edwards Vigileo Monitor	045-0161-00
PhysioFlex Anesthesia Ventilator	045-0035-00
Bard CritiCore Monitor	045-0036-00
Tyco Nellcor Symphony N3000	045-0037-00
Newport Medical Instruments E150 and E200 Ventilator	045-0038-00
Optical Sensors Incorporated (OSI) OpticalCAM Blood Measurement System	045-0039-00
Tyco Nellcor N-395/N-595/N-600 Pulse Oximeter	045-0151-00
Masimo Radical Pulse Oximeter	045-0152-00
Oridion VitalCap	045-0155-00
Respironics Novametrix 2001 Pulse Oximeter	045-0156-00
Respironics-Novametrix Model 7300/7600 Cardiopulmonary Management System	045-0158-00
SenTec Digital Monitor	045-0162-00

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Regulatory Approvals



CE marked in accordance with
the Medical Device Directive,
93/42/EEC.