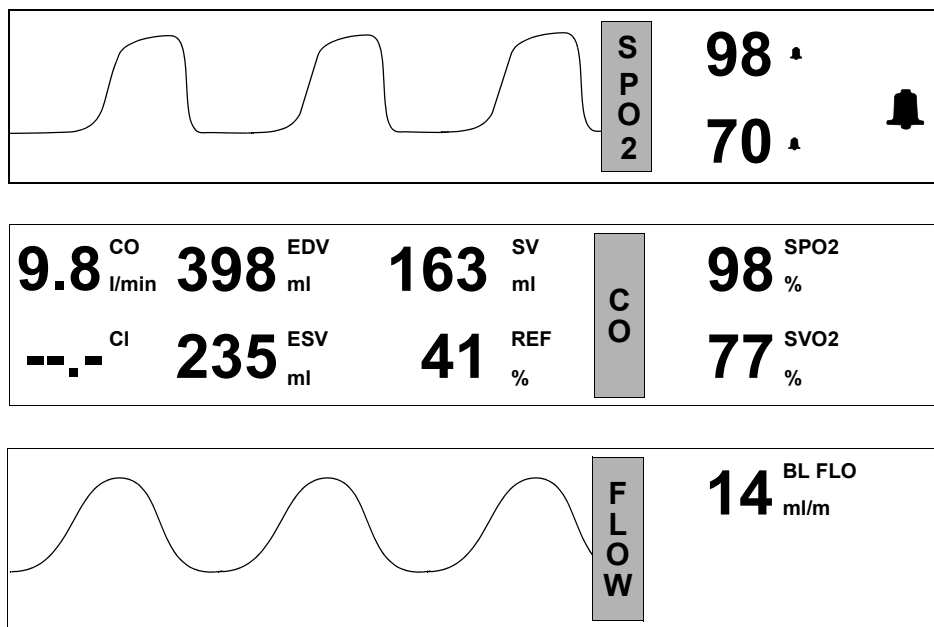The Flexport® Interface integrates data from any device that supports the Universal Flexport protocol into any Ultraview SL™, Xprezzon™, or Qube™ monitors. Devices incorporating the Universal Flexport Protocol can display up to eight numeric parameters, six of which are alarmable, and a physiological waveform, if available, in digital format. The Flexport 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 interface is made available to other HL7-compliant information systems. All Spacelabs Healthcare monitors support multiple Flexport system interfaces.

SPO2	98	
	70	

9.8 CO l/min	398 EDV ml	163 SV ml	CO	98 SPO2 %
--.- CI	235 ESV ml	41 REF %		77 SVO2 %

FLOW	14 BL FLO ml/m

Features

Parameters	Each Flexport interface counts as one 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

Operating

Temperature	10° to 40° C (50° to 104° F)
Humidity	95% (non-condensing)
Altitude	0 to 3,000 m

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)

Compatibility

For an updated compatibility list, refer to the website *http://www.spacelabshealthcare.com/patient-monitoring-connectivity/connectivity/flexport-interfaces*.

Note:

Spacelabs Healthcare confirms that the Flexport software versions shown in the table that follows are verified for use with the software or protocol versions listed for the source devices.

Company, Product, or Source Device	Software or Protocol Version	Spacelabs Healthcare Flexport Software Version	Flexport Model Number
Masimo Radical Pulse Oximeter	Masimo SET V4.1.0.12 Handheld R4.2.0.15 D-Station R5.1.3.2	2.00.02EN	90442A-03
SenTec Digital Monitor	7.02	2.00.02EN	90442A-03

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
Masimo Radical Pulse Oximeter	045-0152-00
SenTec Digital Monitor	045-0162-00

Connectors and Cable Length

Connectors

Female	6-pin modular jack

Male	9-pin SDLC connector
Cable Length	
SDLC	30.5 cm (12 in)
RS-232	243.8 cm (96 in)
Maximum SDLC 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.

Documentation

CD-ROM Part Number	*Flexport Interface Documents CD-ROM* *(P/N 084-0901-xx)*

Regulatory Approvals

$$C\!\epsilon$$

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

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