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Compatibility information for GE Datex-Ohmeda Instruments

Key:
FM - Uses FM port connectors: confirmed that Viamed S/5 sensors are compatible
FM - Uses FM port connectors: unconfirmed, Viamed S/5 sensors may be compatible but needs verifying
FM - Uses FM port connectors Red: confirmed that Viamed S/5 sensors are not compatible
N - Uses Nicolet connectors, compatible Viamed sensors are available.

Monitor	**Conn**	**Compatible sensors**
FM Monitor (F-FM-00, F-FML-00)	FM	0014625, 0014725
Compact Anaesthesia Monitor (F-CM1)	FM	0014625, 0014725
Compact Critical Care Monitor (F-CMC1)	FM	0014625, 0014725
CARESCAPE Transport Pro	FM	Not known
CARESCAPE patient data module	FM	Not known
CARESCAPE V100	FM	Not known
Critical Care Monitor	FM	Not known
Anaesthesia Monitor	FM	Not known
Eagle Series One	FM	Not known
Eagle 4000	FM	Not known
Dash 2500	FM	No compatible yet available
Dash 3000	FM	No compatible yet available
Dash 4000	FM	No compatible yet available
Dash 5000	FM	No compatible yet available
Cardiocap 5 Anaesthesia Monitor	N	0014606, 0014706
Cardiocap 5 Critical Care Monitor	N	0014606, 0014706
Cardiocap	N	0014606, 0014706
Cardiocap II	N	0014606, 0014706
S/5 Light	N	0014606, 0014706
AS/3 (typically uses N-port modules, but can use FM port modules)	N	0014606, 0014706
Satlite / Satlite Trans	N	0014606, 0014706
Module	**Conn**	**Compatible sensors**
E-PRESTN	FM	0014625, 0014725
E-RESTN	FM	0014625, 0014725
E-PSM	FM	0014625, 0014725
E-PSMP	FM	0014625, 0014725
E-PSMW	FM	0014625, 0014725
E-PSMPW	FM	0014625, 0014725
M-NESTPR	N	0014606, 0014706
M-ESTPR	N	0014606, 0014706
M-ESTR	N	0014606, 0014706
M-NESTR	N	0014606, 0014706
M-PRESTN	N	0014606, 0014706
M-RESTN	N	0014606, 0014706

If the instrument uses a module, it is important to check the module model number and connector type, as some instruments can use modules that utilize either FM port or Nicolet connectors.

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Compatibility information for 0014625 & 0014725 GE Datex-Ohmeda Sensors

GE Datex-Ohmeda comprises of 3 different technologies, which have been inherited as 'legacy' technology through company mergers and acquisitions in the past.

Ohmeda traditionally utilised the 9-pin Hypertronics connector, identified by being a slim, barrel-style connector with one side slightly flattened off.

Datex traditionally utilised the 10-pin Nicolet connector, which is larger than the Ohmeda Hypertronics connector, and is identified by being a chunky, round connector with a raised key-way in the 11 o'clock to 1 o'clock position.

GE now utilise the FM Port connector, which is a blue, rectangular 11-pin connector with small raised key-ways at the bottom left and top right on the inside surface of the connector. It should be noted that other key-way variants of this connector also exist; further information is required as to which instruments use that alternative version.

GE Datex-Ohmeda **Ohmeda** style (H Port)	GE Datex-Ohmeda **Datex** style (N Port)	GE Datex-Ohmeda **GE** style (FM Port)
Hypertronics 9-pin	Nicolet 10-pin	GE Connector 11-pin
		

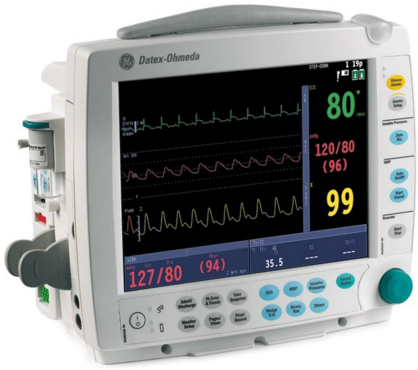
The Viamed 0014625 and 014725 utilise the FM Port connector. We have identified the 0014625 and 0014725 as being 'S/5 compatible' because the **latest** generation of GE Datex-Ohmeda S/5 anaesthetic machines use monitors equipped with modules that use FM port connectors, and these sensors have been verified to work on that range. However, some older S/5 monitors may use modules that utilize the Nicolet connector, so it is important to check which connector the monitor uses.

It should be noted that the 0014625 and 0014725 S/5 sensors are not electronically compatible with all of the GE instruments that they can physically connect to. This is due to GE employing a dual emitter to work with instruments that use Ohmeda legacy technology and also those that use Datex legacy technology, essentially a '1-size fits all' approach, whereas the Viamed sensors employ a single emitter and we only currently have sensors for one of those technologies.

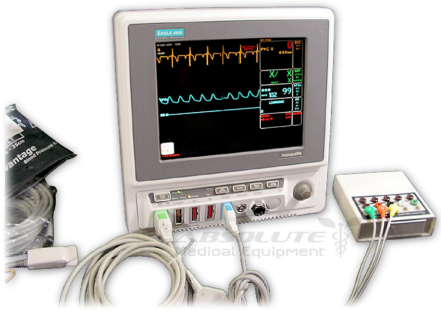
It should not be assumed that because our sensors have the same FM connector, they are compatible. We need to verify the information for a number of instruments.

The following tables list many of the GE instruments; it will be updated when new information is received.

Patient monitors and modules compatible with Viamed S/5 sensors		
Manufacturer / branding	**Model**	**Notes**
GE Datex-Ohmeda	The following modules: • E-PRESTN • E-RESTN • E-PSM • E-PSMP • E-PSMW • E-PSMPW  E-PRESTN  E-PSM These are installed on various items of modular equipment, such as: • S/5 Avance • AS/3 • CS/3 • AS/5 • FM Monitor However, some of the above may also use modules incorporating the N port connector, so it is important to verify the module being used, or at least verify that the instrument uses the FM port connector.	FM Port. 0014625 and 014725 are compatible.

GE	FM Monitor (aka F-FM-00, F-FML-00)  Utilizes the E-PSM module	FM Port. 0014625 and 014725 are compatible
GE Datex-Ohmeda	Compact Anaesthesia Monitor (aka F-CM1) 	FM Port. Utilizes the E-PRESTN module, making it compatible.
GE Datex-Ohmeda	Compact Critical Care Monitor (aka F-CMC1) 	FM Port. Utilizes the E-PRESTN module, making it compatible.

Instruments where compatibility with Viamed S/5 sensors is to be confirmed		
Manufacturer / branding	**Model**	**Notes**
GE	CARESCAPE Transport Pro 	FM Port but compatibility not confirmed.
GE	CARESCAPE patient data module 	FM Port but compatibility not confirmed.
GE Dinamap	CARESCAPE V100 	FM Port but compatibility not confirmed.

GE	Critical Care Monitor 	FM Port but compatibility not confirmed. Strongly suspect that this may utilize the E-PRESTN module, making it compatible.
GE	Anaesthesia Monitor 	FM Port but compatibility not confirmed. Strongly suspect that this may utilize the E-PRESTN module, making it compatible.
GE Marquette	Eagle Series One (Same as Eagle 4000)	See Eagle 4000 below.
GE Marquette	Eagle 4000 	Uses Nellcor Oximax, Masimo or GE. GE variant is FM Port but compatibility not confirmed.

Patient Monitors confirmed to be NOT compatible with Viamed S/5 sensors		
Manufacturer / branding	**Model**	**Notes**
Datex-Ohmeda	The following modules: • M-NESTPR • M-ESTPR • M-ESTR • M-NESTR • M-PRESTN • M-RESTN  Typically installed on older monitors, such as AS/3 but can appear on newer monitors such as S/5, AS/5	Uses Nicolet connector. Can use Datex style: 0014606 0014706
GE	Dash 2500 	Uses Nellcor Oximax, Masimo or GE. GE variant uses the FM Port connector but is not compatible.
GE	Dash 3000 	Uses Nellcor Oximax, Masimo or GE. GE variant uses the FM Port connector but is not compatible..

GE	Dash 4000 	Uses Nellcor Oximax, Masimo or GE. GE variant uses the FM Port connector but is not compatible.
GE	Dash 5000 	Uses Nellcor Oximax, Masimo or GE. GE variant uses the FM Port connector but is not compatible.
GE Datex-Ohmeda	Cardiocap 5 Anaesthesia Monitor 	Uses Nicolet connector. Can use Datex style: 0014606 0014706
GE Datex-Ohmeda	Cardiocap 5 Critical Care Monitor 	Uses Nicolet connector. Can use Datex style: 0014606 0014706

GE Datex-Ohmeda	S/5 Light 	Uses Nicolet connector. Can use Datex style: 0014606 0014706
Datex	AS/3  This version AS/3 shown with a module that uses the Nicolet connector, but version may exist that have been upgraded to FM port	Uses Nicolet connector. Can use Datex style: 0014606 0014706

Footnote re. Modules - GE patient monitoring modules are plug-in modules that utilise the following coding:

- P – Invasive Blood **P**ressure
- R - **R**espiration
- E - **E**CG
- S - **S**pO2
- T - **T**emperature
- N – **N**on-Invasive Blood Pressure

We only need concern ourselves with modules with '**S**' in their designation.