GE HealthCare

Patient Monitoring

Vital signs monitors product comparison matrix

	Portrait™ VSM Monitor	CARESCAPE™ VC150 Monitor	CARESCAPE V100 Monitor
Technical features			
Screen size	10.1 in (diagonal)	8.4 in (diagonal)	7.6 in (diagonal)
Dimensions	(H x W x D) 27.5 x 26.5 x 17.5 cm (10.8 x 10.4 x 6.8 in)	(H x W x D) 24.7 x 24.2 x 13.6 cm (9.75 x 9.5 x 5.3 in)	(H x W x D) 19.5 x 21.9 x 13.5 cm (7.7 x 8.6 x 5.3 in)
Waveform display	Yes	Yes	N/A
Weight	8.4 lb w/ battery	6.2 lbs w/ battery	5.4 lbs w/ battery
Touch screen type	Capacitive	Resistive	N/A
Printing capability	Yes, thermal dot ray	Yes, thermal dot ray	Yes, thermal dot ray
Wireless (WLAN)	Yes	Yes	No
HIS connectivity	Yes, through HL7 interface engine, or direct to certain IHE-compliant systems	Yes, through HL7 interface engine, or direct to certain IHE-compliant systems	No
RFID	Yes	No	No
Battery	Lithium Ion, 5.5 hrs operating time	Lithium-ion, 10.8V and 11.1V; up to 10.5 hrs operating time	Sealed lead acid, 6V up to 11.5 hrs operating time
Clinical features			
Continuous monitoring capability	Yes	Yes	Yes
NIBP technology	DINAMAP™	DINAMAP	DINAMAP
Pulse oximetry options	GE HealthCare's TruSignal SpO_2, perfusion index Nellcor SpO_2, SatSeconds Masimo SET SpO_2, perfusion index	GE HealthCare's TruSignal SpO_2, perfusion index Nellcor SpO_2, perfusion index; SatSeconds, Saturation pattern detection (SPD) Masimo rainbow SET SpO_2, perfusion index, SpHB, SpMet, SpCO, RRa, SpOC	GE HealthCare's TruSignal Nellcor OxiMax Masimo SET

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Respiration rate options	Manual input. Timer feature supports accurate measurement For patients using the Portrait Mobile wireless monitoring solution, scan the QR code on the Portrait Mobile Patient Monitor, admit the patient to the Portrait VSM monitor, and the patient's RR (and PR and SpO_2) appear on the screen	RRa only available with the Masimo Rainbow SET technology with acoustic sensors Manual input as an observation item	N/A
Temperature options	Welch Allyn SureTemp, Exergen TemporalScanner; HeTaiDa non-contact infrared body thermometer	Welch Allyn SureTemp, Exergen TemporalScanner	Exergen TemporalScanner
Round Advisor™ feature	Yes	No	No
Snapshots capability	Yes, stores up to 10,000 entries	Yes, stores up to 3000 entries	Yes, stores up to 40
Portrait Mobile monitoring solution compatibility	Yes	No	No
EWS capability, protocols	Yes, 7 (NEWS+MEWS+5 customized)	Yes, 3	No
Alarm event history	Yes	No	No
Automatically send the patient data to EMR in continuous monitoring mode	Yes	No	No
Lock screen for cleaning and disinfections	Yes	No	No

Please refer to the product documentation for detailed information regarding configurations, specifications and capabilities.