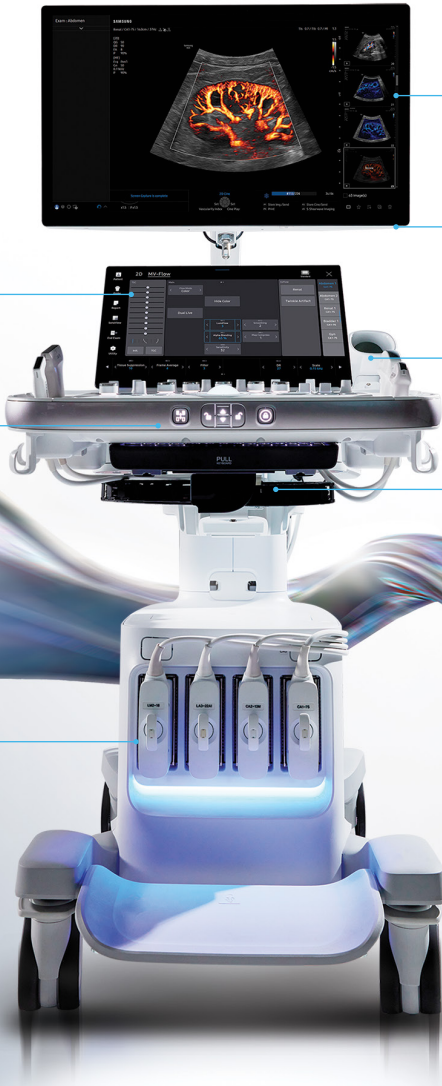


R20

Technical Specifications



27" OLED Display

Voice Activated Controls

15.6" Touchscreen Display

Integrated Gel Warmer

Electronic Controls - Lock|Unlock|Steer

Integrated Wi-Fi

4 Tranducer Ports

Key Specifications

Dimensions & Weight

Height: 56.1" - 73.43" (w/ monitor)	Depth: 36.81" - 49.02"
Width: 24.61"	Weight: 245 lbs.

Main Display

27" OLED monitor	Contrast ratio: 1.5M:1
Resolution: 2560 x 1440	System monitor with 360° rotational arm
Viewing angle: 178° horizontal/ vertical	

Secondary Display

15.6" Wide LED touchscreen	Mechanical tilt: 35° - 65° adjustable
Resolution: 1920 x 1080	

Control Panel

Integrated keyboard 6-Way adjustable FreeForm™ control panel	16 Customizable user interface colors 9 Customizable body LED colors
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Caster System

Electronic caster
(E-Lock)

Transducer Ports

4 Transducer ports	7 Transducer holders (6 standard + 1 endocavity)
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Connectivity

Integrated WiFi
(Korea, USA, Canada,
Japan, Europe, Turkey)

Storage

Integrated SSD	2TB
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Cable Management

Integrated, ultra-thin lightweight cables	Transducer hooks and hanger bands
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Included Accessories

1 Angled gel warmer 1 Tray	2 Transducer cable hooks
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Standard Features

Imaging Technologies

MultiVision	Luminant™
ClearVision	NeedleMate+™
ShadowHDR™	Free Angle Plane
HQ-Vision™	Live Q-Scan™
MV-Flow™	Quick Scan
LumiFlow™	

Clinical Tools & Measurements

ElastoScan+™ (Include E-Strain)	BladderAssist™
Panoramic+™	ViewAssist™
AutoIMT+	BiometryAssist™
AbdomenAssist™	UterineAssist™
	UterineContour™

Workflow Solutions

EzExam+™	EzStructure™
EzPrep™	MyTune™
EzCompare™	MobileSleep
EzFlow™	Voice command

Cardiac Features

CW function	Cardiac measurements
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DICOM

DICOM 3.0	SCP
DICOM Q/R	
MWL SCU	

Optional Features

Advanced Imaging

CEUS+	RealisticVue™
MV-CEUS+	CrystalVue™
S-Shearwave Imaging™ (EzSWI™)	S-Detect™ for breast
QUS (TAI™, TSI™)	S-Detect for thyroid
EzHRI™	NerveTrack™
	S-Fusion™

Cardiac Advanced

AutoEF	StressEcho
Strain+	ArterialAnalysis

Women's Health

IOTA-ADNEX	Smart 4D+
2D Follicle™	Freehand 3D

Additional Options

ADVRT™	Foot switch
Mobile export	endocavity
SonoSync™	transducer holder
ECG module	Printer tray
	Side storage bag

Transducers

Convex

CA1-7S (flex™)	CA2-13M
CA1-7Sn	CA3-10A (flex)

Linear

LM2-18	LA2-9S (flex)
LA2-14A (flex)	L3-22 (flex)
LA2-16S	LA3-22AI

Endo-cavity

EA2-11AR	EA2-11AV
EA2-11ARn	miniER7

Phased Array

PA1-5A

Volume

CV1-8A
EV2-12

Clinical Applications

Abdomen	Thoracic
Cardiac	Transcranial doppler
Vascular	Intraoperative
Pediatrics	Fetal heart
Musculoskeletal	Obstetrics
Small parts	Gynecology
Urology	

Additional Specifications

Electrical

Voltage: 100-240 VAC	Power: 850 VA
Frequency: 50/60 Hz	Nominal current: 3.47 - 8.47 A

System Components

Windows 10	32GB DDR4 SDRAM
Advanced GPU	Booting time: 80 sec.

Noise Level

32 dBA

Connectivity

USB 2.0 (1 USB and 1 USB-C port)	Network: 10M/100M/1G BASE-T
USB 3.0 (3 USB and 1 USB-C ports)	Optional S-Video & audio
HDMI (2 ports)	

Cybersecurity

Windows	Audit trail log
Defender Antivirus	Secure erase for PHI
BitLocker™	Whitelisting solution
SSD encryption	Audit trail log
Firewall	LDAP
DICOM TLS 1.3	

Environmental

Operating: 10-35°C, 30-75% humidity	Storage: -25-60°C, 20-90% humidity
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 = Bold blue type indicates AI Assisted Tools

SAMSUNG

Battery performance may vary depending on usage and environmental conditions.

The technical specification is a general summary of available product features. The final product may vary subject to user preference and options.

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