

Pulsenmore™ ES – Type iOS and Type C Product Datasheet

The Pulsenmore ultrasound is a practical, safe, and effective solution for remote sonographic fetal assessment. Prescribed by a HCP (Health Care Provider) and complementary to routine ultrasound examinations, it offers continuity of prenatal care from home.

- A self-scan ultrasound device connects to the patient's personal smartphone.
- A user-friendly mobile app guides the pregnant woman through a simple self-scan protocol designed by OBGYNs.
- Using cloud-based software, the HCP reviews scans and interacts with patients asynchronously or synchronously.



Self-Scan Device

A handheld ultrasound cradle that docks to the patients' smartphone



Mobile App

Each scan is guided by an app or by an online consultation with a clinician. Scans are securely uploaded to the cloud for review



Clinician Dashboard

Review patient scans remotely and interacts with patient online

	Type iOS	Type C Android
Self-Scan Device		
Dimensions:	80(W) X 1400(H) X 38mm(D)	
Weight:	250 gm	200 gm
Image display:	B-Mode	B-Mode
Ultrasound frequency:	2-5 MHz	
Total scan time:	50 minutes with fully charged battery	N/A
Thermal index (TI):	≤ 0.03	
Mechanical index (MI):	≤ 0.4	
Powered by:	Internal rechargeable Li-ion battery	Android smartphone
Battery capacity:	1200mAh	N/A
Battery voltage:	3.7V	N/A
Charging:	Type C USB 5V, 1.2 A charger (charger and cable not included) Smartphone and Cradle should be charged to at least 50%	Smartphone should be at a minimum of 50%
Network connectivity:	Wireless Wi-Fi 4, FCC-ID: 2AB5EGS-OOLITE	N/A
Connectivity between device & smartphones:	Wireless	Wired Type C USB
IP rating:	IP22	

Ultrasound Images	
Viewing angle:	~ 60 degree
Depth:	Up to 27 cm
Image resolution:	512 X 512 pixels
Image filtering:	Image enhancement, speckle reduction

	Type iOS	Type C Android
Mobile App		
Processor:	8 cores or higher, each core at least 1.8 GHz	
Ram:	Greater than 4GB	
Touch screen resolution:	1080 X 1920 pixels or higher	
Network connectivity:	Wi-Fi (Secured WPA2™) or Cellular	
Data upload:	Secured cloud services	
Smartphone compatibility:	iPhone 11 or Higher (excluding iPhone generations 2 and 3)	Android operating system 9.0 (pie) or above Full list on website
Operating systems supported:	Version 15 iOS and above	
Data storage:	No data is stored on device or mobile app 1GB available space is required	

Clinician Dashboard Requirements	
Latest OS:	Windows 10 / Mac: OS X 10.15 or later
Processor:	1 GHz or faster processor or SoC – 4 cores
RAM:	4 GB for 32-bit or 64-bit
Hard disk space:	16 GB for 32-bit OS or 20 GB for 64-bit OS
Graphics card:	DirectX 9 or later with WDDM 1.0 driver
Display:	Full HD (1920x1080) or higher
Browser:	Chrome or Firefox (latest version)
Network bandwidth:	Broadband (4G/LTE) at a rate of 600 kbps. Our recommendation is to work on Wi-Fi
Required equipment (not included):	Camera and microphone

Additional Information	
System safety Standards:	IEC 60601-1, IEC 60601-1-2, IEC 60601-1-11, IEC 60601-2-37, ISO 10993-1, IEC 62304, IEC 62366-1, IEC 62133-2 UN38.3 (Li-ion battery)
Regulatory clearances:	CE marked; Israeli MOH AMAR cleared, TGA registered, MHRA and SwissMed registered
Additional component:	Device box – optional
Required accessories (not included):	1. Ultrasonic gel 2. Type C USB charger (for Self-Scan Device iOS)