

OLYMPUS

Aplio i800 EUS

Advancing the Dimensions of Endosonography



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Twice the Expertise – Twice the Confidence

Through a partnership with Canon, Olympus brings the future of EUS into full clarity with the Aplio i800 EUS processor. For clinicians looking for a new level of confidence, the Aplio i800 EUS is a complete, customizable solution with powerful imaging that enhances penetration and resolution and offers an abundance of advanced, clinically validated tools to help improve productivity and clinical capabilities.



**Unrivalled
Ultrasound Imaging**



**An Advanced Liver
and Pancreatic Package**



**Partnering Ergonomics
With Workflow**



Unrivalled Ultrasound Imaging

See Ultrasound Imaging in a New Light

The Aplio i800 EUS provides innovative imaging technology that heightens clarity, depth and detail. Crystal-clear images with enhanced resolution and penetration as well as an abundance of expert tools help you get your diagnostic answer quickly and reliably.



**Differential
THI
(D-THI)**

Expands the effective bandwidth to simultaneously achieve enhanced spatial and contrast resolution, increased penetration and lower artifact levels.



Full Focus

Enables clear, uniform images from near and to far field without the need for focus adjustments.



iBeam+

Enables ultra-fast and precise beam shaping, enhancing image depth and detail with clear, sharp, and distinct images.

An Advanced Liver And Pancreatic Package

Partner With a Tool That Gives You Twice the Confidence

The Aplio i800 EUS is a premium ultrasound platform with the support of two global leaders. It brings together a full EUS product portfolio of echoendoscopes and EndoTherapy devices with an advanced diagnostic processor designed to enhance your diagnostic confidence.



Contrast Harmonic Imaging (CHI)

Through the application of an ultrasound contrast agent to traditional ultrasonography, physicians can characterize focal liver lesions and pancreaticobiliary diseases.



Shear Wave Elastography (SWE)

A non-invasive technology that provides an advanced measure and dynamic display of tissue stiffness.



Superb Micro-vascular Imaging (SMI)

Expands the range of visible blood flow by revealing low velocity, microvascular flow never seen before with ultrasound.



Smart 3D

Generates and displays 3D image data (volume data) by utilizing Cine memory images of reconstruction with a curvilinear echoendoscope.

Partnering Ergonomics With Workflow

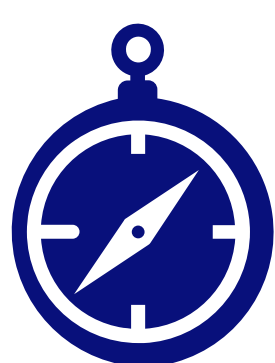
Make it Yours

Find your flow with the Aplio i800 EUS. Its customizable functions and features let you optimize system operation to cater to your wants and needs. Agile and light, the Aplio i800 EUS is easy to maneuver and simple to set up so that it's a perfect partner to you and your procedure room.



Ergonomics

A fully adjustable console, panel and monitor supports you to comfortably conduct the procedure.



Navigation

Intelligent on-screen navigation for multifunction operation, and a user-friendly touch panel interface supports intuitive operation and adjustment.



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Aplio i800 EUS Specifications

Compatible Equipment

Electric Scanning	GF-UE190, GF-UE290, GF-UCT180, GF-UCT260, PVT-375BT, PLT-705BT, PLT-1005BT
Extracorporeal Probes	yes

Ultrasound Functions

Frequency	3.5, 7.5, 10
Measurement	Distance, Area, Angle, Volume, Velocity, Flow Volume, Doppler trace

Viewing monitor

OLED Monitor	21.6-inch
Viewing Angle	178 degrees

Outputs

Video Outputs	DVI, S-Video, HDMI, Composite, SDI
External Storage Device	CD-R, DVD, USB, external HDD, barcode reader
Network	LAN

Image Management

Still Image Storage	yes
Movie Clip Storage	yes
Cine Memory	yes
DICOM	yes

Dimensions

Size	631 (W) × 1177 to 1757 (H) × 969 to 1069 (D) mm
Weight	Approx. 115 kg

Power Supply

Voltage	220 – 240 VAC (for Europe and other regions 2) 100 – 120 VAC (for Japan, USA, Canada and other regions 1)
Voltage Fluctuation	Within ±10%
Frequency	50/60 Hz
Frequency Fluctuation	Within ±1 Hz
Consumption Electric Power	1500 VA

Classification

Type of Protection Against Electric Shock	Class I	
Degree of Protection Against Electric Shock for Applied Part	Type-BF applied part.*	* Type BF when Type-BF applied parts are connected. The ultrasound transducers, ECG electrodes, heart sound sensor, and pulse wave sensor that can be connected to this system are Type-BF applied parts.
Degree of Protection Against Explosion	The Ultrasound System is an electrical product. Do not place it in an environment with flammable gas.	

As medical knowledge is constantly growing, technical modifications or changes of the product design, product specifications, accessories and service offerings may be required.

DISTRIBUTOR

OLYMPUS

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