

SHIP TO:
WADE PARK WHSE B93038
V.A. Medical Center
CHIEF, ACQ & MAT'L MGT
10701 EAST BOULEVARD
CLEVELAND, OH 44106

P.O.# 541-B93038

<u>QTY</u>	<u>DESCRIPTION</u>
1	APLIO I800 ULTRASOUND IMAGING SYSTEM
1	PROTOCOL ASSISTANT
1	GEL WARMER
1	MULTI-FREQUENCY WIDE FOOTPRINT LINEAR TRANSDUCER (14L5)
1	MULTI-FREQUENCY LINEAR TRANSDUCER, VASCULAR (11L3)
1	MULTI-FREQUENCY CONVEX TRANSDUCER (11CI4)
1	MULTI-FREQUENCY LINEAR TRANSDUCER HOCKEY STICK (17LH7)
1	LINEAR ARRAY TRANSDUCER (I18LX5)
1	CONVEX ARRAY TRANSDUCER (I8CX1)
1	EV/ER TRANSDUCER HOLDER KIT
1	EV/ER TRANSDUCER HOLDER
1	MULTI-FREQUENCY ENDOCAVITARY TRANSDUCER (11C3)
1	BIOPSY GUIDE ADAPTOR FOR PVT-781VTE AND PVU-781VT TRANSDUCERS
1	PANORAMIC VIEW
1	HIGH SECURITY WIRELESS LAN KIT
1	WIRELESS LAN ROUTER KIT
1	4D KIT
1	4D

<u>QTY</u>	<u>DESCRIPTION</u>
1	MULTI-FREQUENCY TRANSDUCER FOR 4D IMAGING (9CV2) (SP)
1	MULTI-FREQUENCY ENDOCAVITARY TRANSDUCER FOR 4D IMAGING (11CV3) (SP)
1	LUMINANCE AND SHADOW GLASS FOR VOLUME MATRIX
1	CONTRAST HARMONIC IMAGING PACKAGE
1	CONTRAST HARMONIC IMAGING
1	CONTRAST QUANTIFICATION FOR RADIOLOGY
1	CHI-Q KIT (REQUIRES USHI-AI900/EL)
1	FITTING CURVE KIT (REQUIRES USHI-AI900/EL AND USCQ-AI900A/EL)
1	LIVER PACKAGE
1	SHEAR WAVE
1	ATTENUATION IMAGING KIT
1	DISPERSION MAP FOR SHEARWAVE
1	SMART FUSION OR SMART SENSOR 3D KIT
1	SMART FUSION KIT
1	FUSION BRACKET FOR PVT-781VTE
1	FUSION BRACKET FOR PVI-475BX/PVI-475BT
1	SMART NAVIGATION (REQUIRES MAGNETIC GENERATOR UIFR-AI900A)
1	GEL WARMER

Part of Canon Medical Systems' ultra-premium i-Series, the Aplio™ i800 ultrasound system takes the delivery of care from diagnosis to intervention to a previously unseen level; improving clinical quality and patient experience while enhancing workflow and ergonomics. The system continues and extends Canon Medical Systems' industry-first imaging and visualization capabilities and delivers exceptional image quality with sophisticated ergonomics that elevate efficiency to the highest levels. Superior system mobility and easy transport is enabled with a lightweight system and fold-flat monitor, while a wide range of height adjustment makes the system more adaptable for differing sonographers.

STANDARD COMPONENTS

- Aplio i800 Ultrasound Imaging System
- 23" LED monitor with articulated arm and handle
- 12.1" Programmable, touch-command screen
- Protocol Assistant
- 4D hardware
- OBR (On-Board Reporting) for OB
- Built-in DVD/CD drive with writer
- Four active transducer ports for convenient transducer access
- Six transducer holders
- Up to 5 USB Ports (including USB 3.0)
- Windows 7
- DICOM
- Raw data capabilities
- Large capacity Cine Memory
- Scan depth of up to 50 cm (transducer dependent)
- Dynamic Micro Slice - enables optional iDMS transducers to be used
- Multiplexing kit - enables optional Quad View for CHI, Quad View for SWE, Shadow Glass, Smart Sensor 3D, Multi-reflection Canceller and iDMS
- Software TGC for depth as well as lateral gain adjustment
- Security Management Kit

STANDARD IMAGING FEATURES

- ApliPure+™ - enhances the display of boundaries between tissues and reduces speckle noise and acoustic shadows
- Advanced Dynamic Flow™ (ADF) - enhances flow uniformity
- Auto-Intima Media Thickness (A-IMT)
- Biopsy Enhance Auto Mode (BEAM) - enhances visualization of the needle during linear transducer biopsies
- Differential Tissue Harmonic Imaging (D-THI) - simultaneously transmits two frequencies for better spatial resolution and penetration

- Precision Imaging - assists in reducing noise and artifacts
- Tissue Doppler Imaging (TDI)
- Trapezoid Imaging
- Tissue Specific Optimization (TSO) - adjusts for differing speeds of sound from tissue of various acoustic characteristics especially in breast imaging
- Quick Scan - automatic, real-time, adjustment of gain and TGC in 2D and spectral Doppler
- Smart 3D - Internal hardware to enable Smart 3D external hardware and additional software
- Vascularity Index - Displays multiple parameters for a Power/SMI image such as number of pixels, and the ratio in the Power/ SMI image and within the ROI
- Superb Micro-vascular Imaging (SMI) -Enhances the visualization of slow flow in vascular trees not usually seen with color Doppler
- Tissue Harmonic Imaging (THI)

Connectivity

Extensive communication and data management capabilities enable seamless integration into hospital and research environments including the following DICOM functions:

- DICOM data type
 - US Image (still image)
 - US Multi Frame (dynamic image)
 - SC Image (storage in a separate file)
 - Enhanced US Volume (Volume data image)
 - Structured Report (measurement result information)
- Server connection
 - Storage (Server/Media)
 - MWM (Modality Worklist Management)
 - MPPS (Modality Performed Procedure Step)
- Storage function
 - Storage Commitment
 - Query/retrieve
- Standard conformity check function
 - Verification (export/import)
- Print function
 - DICOM Print

Image Maker Express

Image Maker Express is an online marketing resource that helps Canon Medical Systems customers build demand for imaging service by growing their referring physician and patient relationships. Image Maker Express includes:

- Easy-to-use marketing resources and tools developed exclusively for Canon Medical Systems customers to bring together effective marketing strategies and tactics
- A wealth of collaterals and content to create high-quality brochures, print ads and more to help market the Canon Medical Systems customer's new imaging capabilities

Image Maker Express Materials available* include:

- Product images and logos
- Clinical images and videos
- PowerPoint presentations and promotional videos
- Brochure samples
- Customizable press releases and media tips
- Marketing strategy tutorials

**Offerings may vary per product*

APPLICATIONS SUPPORT

Developed with customer input, Canon Medical Systems' innovative support programs have resulted in increased customer satisfaction. These include the following:

Technical Assistance

Customer support specialists are available 24/7 to help resolve technical issues in real time. Application support specialists are also available to assist staff with protocol and image-quality issues.

Local Customer Teams

A single call mobilizes a local team of Canon Medical Systems customer engineers. With an average of 10 years of Canon Medical Systems experience and 105 hours of specialized training per team member, they can resolve almost any performance issue.

Parts Support

A complete inventory of product parts is ready for shipment when and where they are needed, any time of day or night.

Training

Included with the purchase of Aplio is training conducted by Canon Medical Systems applications specialists registered with the American Registry of Diagnostic Medical Sonographers (ARDMS).

Training includes:

- Two days of on-site applications training
- One day of on-site follow-up applications training

The training is offered to the Customer at no charge, providing that it is completed no later than one (1) year after the warranty start date.

Additional On-Site Training

Available for purchase.

COMPONENT SUMMARY:

<u>QTY</u>	<u>DESCRIPTION</u>
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1	APLIO I800 ULTRASOUND IMAGING SYSTEM
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1	PROTOCOL ASSISTANT
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A sequence of operations is registered, and each operation is executed by single switch operation. Enables automated workflow when performing complex ultrasound exams. Featuring one-click operation, Protocol Assistant helps increase consistency and maintain standards from start-to-finish and patient-to-patient.

1	GEL WARMER
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1	MULTI-FREQUENCY WIDE FOOTPRINT LINEAR TRANSDUCER (14L5)
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Model: PLT-1005BT

Imaging Frequencies:

- Aplio i-series: 3.8 – 10.0 MHz
- Aplio 300/500: 4.0 – 14.0 MHz

Footprint/Curvature: Approx. 58mm

Use: Small part, breast, MSK, peripheral vascular

Biopsy kit/adaptor: 680-109, 680-090, 610-608, 680-125, 680-124, 610-1231, 610-1235

Reusable biopsy adapter: N/A

Fusion adapter: UAFS-004A

Prerequisite:

Aplio i-series V1.0 or later (i700, i800, i900), i600

Aplio 300/500 V3.0 or later

1	MULTI-FREQUENCY LINEAR TRANSDUCER, VASCULAR (11L3)
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Model: PLT-705BT

Imaging Frequencies: 3.0 – 8.0MHz

Footprint/Curvature: Approx. 45mm

Use: Small parts, Breast, Musculoskeletal, Vascular (Doppler)

Biopsy kit/adaptor: 680-107, 680-087, 610-608

Reusable biopsy adapter: N/A

Fusion adapter: N/A

Prerequisite:

Aplio i-series V1.0 or later (i700, i800, i900), i600 V2.0 or later

Aplio 300/500 V2.1 or later

1	MULTI-FREQUENCY CONVEX TRANSDUCER (11CI4)
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Model: PVT-745BTV

Imaging Frequencies:

- i-series: 3.3 – 10.0 MHz
 - Aplio 300/500: 3.8 – 11.0 MHz
- Footprint/Curvature:** Approx. 45mm
Field of View: Approx. 40 degrees
Use: Intraoperative, abdominal, small parts (small parts only on i-series)
Reusable biopsy adapter: UAGL-001AHA, UAGL-002AHA
Fusion adapter: UAFS-005A

Prerequisite:

*Aplio i-series V2.0 or later (i700, i800, i900), i600 V2.0 or later
 Aplio 300/500 V2.1 or later*

1 MULTI-FREQUENCY LINEAR TRANSDUCER HOCKEY STICK (17LH7)

Model: PLT-1202BT

Imaging Frequencies:

- Aplio i-series: 4.5 – 17.0 MHz
- Aplio 300/500: 6.1 – 17.0 MHz

Footprint/Curvature: Approx. 25.6mm

Use: Small parts (superficial), MSK, intraoperative

Biopsy kit/adapter: N/ A

Reusable biopsy adapter: N/ A

Fusion adapter: UAFS-010A

Prerequisite:

*Aplio i-series V2.0 or later (i700, i800, i900), i600 V2.0 or later
 Aplio 300/500 V7.0 or later*

1 LINEAR ARRAY TRANSDUCER (I18LX5)

Model: PLI-1205BX

Imaging Frequencies: 4.0 – 18.0MHz

Footprint/Curvature: Approx. 46mm

Use: Small parts, MSK, peripheral vascular

Biopsy kit/adapter: 680-139, 680-138, 610-608, 680-149, 680-148, 610-1500, 680-132, 680-133, 610-1017, 610-1018, 610-1019

Reusable biopsy adapter: N/ A

Fusion adapter: UAFS-008A

Prerequisite: Aplio i-series V1.0 or later (i700, i800, i900)

1 CONVEX ARRAY TRANSDUCER (I8CX1)

Model: PVI-475BX

Imaging Frequencies: 1.8 – 6.2MHz

Footprint/Curvature: Approx. 50mm

Field of View: Approx. 70 degrees

Use: Abdominal, fetal, pediatric

Biopsy kit/adapter: 680-143, 680-142, 610-608, 680-153, 680-152, 610-1500

Reusable biopsy adapter: N/ A

Fusion adapter: UAFS-007A (included with UIFR-AI900A)

Prerequisite: Aplio i-series V1.0 or later (i700, i800, i900)

1 EV/ER TRANSDUCER HOLDER KIT

1 EV/ER TRANSDUCER HOLDER

EV/ER Transducer Holder for Aplio iSeries. Adds a dedicated holder for endocavitary transducers.

1 MULTI-FREQUENCY ENDOCAVITARY TRANSDUCER (11C3)

Model: PVT-781VTE

Imaging Frequencies:

- i-series: 3.6 – 10.5 MHz
- Aplio 300/500: 3.0 – 11.0 MHz

Footprint/Curvature: Approx. 10mm

Field of View: Approx. 180 degrees

Use: Transvaginal uterus, ovary

Biopsy kit/adaptor: 680-121

Reusable biopsy adapter: UAGV-035A

Fusion adapter: UAFS-006A

Prerequisite:

Aplio i-series V1.0 or later (i700, i800, i900), i600 V2.0 or later

Aplio 300/500 V6.0 or later

1 BIOPSY GUIDE ADAPTOR FOR PVT-781VTE AND PVU-781VT TRANSDUCERS

Applicable biopsy needle: 15 - 22G

1 PANORAMIC VIEW

B/W images can be obtained with a wider field of view by moving the transducer in the lateral direction.

1 HIGH SECURITY WIRELESS LAN KIT

This kit is used to establish connection to the DICOM network via wireless LAN and includes the Cisco Aironet 2702i Dual-band 2.4 GHz and 5 GHz access point (APs) with 802.11ac Wave 1 support which provides the following security features and is validated to FIPS 140-2:

- 802.11i, Wi-Fi Protected Access 2 (WPA2), WPA
- 802.1X
- Advanced Encryption Standards (AES), Temporal Key Integrity Protocol (TKIP)

1 WIRELESS LAN ROUTER KIT

1 4D KIT

1 4D

This unit is required for using the 4D / PET-512MD TEE transducer. Three-dimensional image data (volume data) can be generated and displayed by using image data acquired for three-dimensional image reconstruction.

Mechanical 4D (USMV-AI900A is required.)

The following functions can be used with a 4D transducer:

- Volume Color, Multi View, Magic Cut, VolPure™, Volume View
- STIC/STIC Color, 4D CHI (USHI-AI900A is required.), 4D Biopsy, Fly Thru (USFT-AI900A is required.), Luminance (USLM-AI900A is required.), Shadow Glass (USSG-AI900A is required.), OmniView, Auto flexible cut line,
- STL export (USPF-AI900A is required.)

Prerequisite:

Aplio i600 V2.0 or higher, Aplio i700, i800, i900 V1.0 or higher.

1 MULTI-FREQUENCY TRANSDUCER FOR 4D IMAGING (9CV2) (SP)

Model: PVT-675MVS

Imaging Frequencies:

- i-series: 2.5 – 7.5 MHz

Footprint/Curvature: Approx. 48mm

Field of View: Approx. 70 degrees

Use: Fetal, abdominal

Reusable biopsy adapter: -

Fusion adapter: -

Prerequisite: Aplio i-series V1.0 or later (i700, i800, i900), i600 V2.0 or later

1 MULTI-FREQUENCY ENDOCAVITARY TRANSDUCER FOR 4D IMAGING (11CV3) (SP)

Model: PVT-681MVL

Imaging Frequencies:

- i-series: 3.6 – 11.0 MHz
- Aplio 300/500: 3.0 – 11.0 MHz

Footprint/Curvature: Approx. 10mm

Field of View: Approx. 180 degrees

Use: Transvaginal uterus, ovary, prostate

Biopsy kit/adapter: N/A

Reusable biopsy adapter: 680-131

Fusion adapter: N/A

Prerequisite:

Aplio i-series V1.0 or later (i700, i800, i900), i600 V2.0 or later

Aplio 300/500 Platinum V6.0 or later

- 1 LUMINANCE AND SHADOW GLASS FOR VOLUME MATRIX**
This kit enables Shadow Glass and Luminance for Volume Matrix probes.
- 1 CONTRAST HARMONIC IMAGING PACKAGE**
- 1 CONTRAST HARMONIC IMAGING**
Adds the Contrast Imaging function to the system.
- 1 CONTRAST QUANTIFICATION FOR RADIOLOGY**
- 1 CHI-Q KIT (REQUIRES USHI-AI900/EL)**
Adds the Time Curve Analysis (TCA) function to the system. The kit USHI-AI900A Contrast Imaging is required.
- 1 FITTING CURVE KIT (REQUIRES USHI-AI900/EL AND USCQ-AI900A/EL)**
Function for calculating characteristic value parameters by Fitting curve. The USCQ-AI900A is required.
- 1 LIVER PACKAGE**

Liver Package includes all of the following :
 - Elastography
 - Shearwave Elastography
 - Attenuation Imaging
 - Shearwave Dispersion
- 1 SHEAR WAVE**
This kit allows tissue stiffness to be visualized by generating images that show shear wave propagation.
- 1 ATTENUATION IMAGING KIT**
This kit enables visualization of ultrasound frequency-dependent attenuation coefficient within tissue.
- 1 DISPERSION MAP FOR SHEARWAVE**
This kit enables visualization of dispersion between frequencies for propagation speed for Shear Wave.
- 1 SMART FUSION OR SMART SENSOR 3D KIT**
- 1 SMART FUSION KIT**

- 1 FUSION BRACKET FOR PVT-781VTE**
- 1 FUSION BRACKET FOR PVI-475BX/PVI-475BT**
- 1 SMART NAVIGATION (REQUIRES MAGNETIC GENERATOR UIFR-AI900A)**
- 1 GEL WARMER**