

SHIP TO: CHIEF, A&MNS B9003  
V.A. Medical Center  
RECEIVING WHSE BLD  
2002 HOLCOMBE BLVD  
HOUSTON, TX 77030

P.O.# 580-B90030

<u>QTY</u>	<u>DESCRIPTION</u>
1	PROTOCOL ASSISTANT
1	GEL WARMER
1	MULTI-FREQUENCY LINEAR TRANSDUCER, SMALL PARTS (18L7)
1	EV/ER TRANSDUCER HOLDER KIT
1	EV/ER TRANSDUCER HOLDER
4	MULTI-FREQUENCY ENDOCAVITARY TRANSDUCER (11C3)
4	BIOPSY GUIDE ADAPTOR FOR PVT-781VTE AND PVU-781VT TRANSDUCERS
1	SUPERB MICRO VASCULAR IMAGING KIT
1	HIGH SECURITY WIRELESS LAN KIT
1	WIRELESS LAN ROUTER KIT

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Aplio i600 is an entry-level model added to the premium Aplio i-series range of ultrasound systems (currently Aplio i900, Aplio i800, and Aplio i700). Incorporating a visually appealing rounded design, the Aplio i600 was developed for utilization not only in the examination room, but also in a wide range of locations in the facility, such as patient wards and treatment rooms, while sharing many of the outstanding features of existing i-series systems.

Aplio i600 covers a wide variety of clinical fields, with more than 30 types of transducers available. These include transducers for body-surface scanning of the abdomen, heart, vascular, breast, MSK and small parts, as well as endocavitary transducers for OB/GYN and urology and specialized transducers for laparoscopy, laparotomy, biopsy, and obstetric 4D imaging. In particular, the new micro-convex transducer PVT-482BT with a body contact surface width of only 9 mm makes scanning possible in limited window such as intercostally. The lightweight design of the transducer allows for more comfortable scanning.

A wide variety of applications are available, such as Strain Elastography and Shear Wave Elastography for measuring and displaying tissue stiffness; Smart Fusion, allowing synchronized display of a previously acquired CT/MRI/ultrasound image with an ultrasound image for the current examination; Luminance, allowing more realistic depiction of the fetus; and Shadow Glass, allowing display of internal structures and external surfaces of organs for simultaneous observation.

Our original blood-flow imaging technology, SMI, which visualizes smaller blood vessels and lower-velocity blood flow, is available on the Aplio i600.

#### **STANDARD COMPONENTS**

- Aplio i600 Ultrasound Imaging System
- 23" LCD 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 10, maintaining up-to-date cyber security
- DICOM
- Raw data capabilities
- Large capacity Cine Memory

- Scan depth of up to 50cm (transducer dependent)
- Software TGC for depth as well as lateral gain adjustment
- Hard keyboard under console
- STC Kit
- 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-Intiina 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 - reduces 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
- 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
  - o US Image (still image)
  - o US Multi Frame (dynamic image)
  - o SC Image (storage in a separate file)
  - o Enhanced US Volume (Volume data image)
  - o Structured Report (measurement result information)
- Server connection
  - o Storage (Server/Media)
  - o MWM (Modality Worklist Management)
  - o MPPS (Modality Performed Procedure Step)
- Storage function
  - o Storage Commitment

- o Query/retrieve
- Standard conformity check function
  - o Verification (export/import)
- Print function
  - o 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 FOR APLIO-I600/4.000:

PART NUMBER      QTY DESCRIPTION

2    PROTOCOL ASSISTANT

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.

2    GEL WARMER

2    MULTI-FREQUENCY LINEAR TRANSDUCER, SMALL PARTS (18L7)

Model: PLT-1204BT

Imaging Frequencies:

- Aplio i-series: 4.5-18.0 MHz
- Aplio 300/500: 5.0-18.0 MHz

Footprint/Curvature: Approx. 38mm

Use: Small parts (superficial, breast), MSK, peripheral vascular  
Biopsy kit/adapter: 680-102, 680-088, 610-608, 680-123, 680-122, 610-1231, 610-1235

Reusable biopsy adapter: N/A

Fusion adapter: N/A

***Prerequisite:***

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

***Aplio 300/500 V2.02 or later***

2    EV/ER TRANSDUCER HOLDER KIT

2    EV/ER TRANSDUCER HOLDER

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

8    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/adapter: 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***

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

Applicable biopsy needle: 15- 22G

2 SUPERB MICRO VASCULAR IMAGING KIT

2 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 802.11n Wave 1 support which provides the following security features and is validated to FITS 140-2:

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

, 2 WIRELESS LAN ROUTER KIT