

580-B40049
HOUSTON, TX.

Line #	Part #	Description	Qty	Each	Price
1	**NNAP353	EPIQ 5 GI System	1		

EPIQ 5 is a new direction for premium ultrasound featuring an uncompromised level of clinical performance to meet the challenges of today's most demanding practices– the most powerful architecture ever applied to ultrasound imaging – touching all aspects of acoustic acquisition and processing allowing you to truly experience Ultrasound's evolution to a more definitive modality.

Reinvention of the premium ultrasound user experience

- New tablet like interface revolutionizes how you interact with the system resulting in dramatic reduction of exam reach and exam steps. (15% reduction in total steps, 40% to 80% reduction in long reaches)
- Lightest premium system in its class (230 pounds) – 40% lighter than the heaviest competitive premium system.
- Large 21-inch high definition LCD display for easy viewing in virtually any environment
- Infinite articulation of control panel and monitor allows for perfect alignment whether sitting or standing (720 degrees of freedom) to scan ergonomically
- Almost silent when running (37-41bD) – equivalent to the sound of a library
- 4 transducer ports
- Integrated footrest
- Integrated storage shelves
- 4 wheel swivel and swivel/brake lock control

The most powerful architecture ever applied to ultrasound imaging

- Proprietary nSight architecture - a totally new way to form ultrasound images – all without compromise.

The combination of a new precision beamformer and massive parallel processing allow EPIQ 5 to receive and process an enormous amount of acoustic data allowing the system to focus down to the pixel level...all in real time.

- Up to 4,718,592 total digital channels
- Exclusive adaptive signal to noise ratio that achieves system dynamic range of up to 192 dB for improved 2D
- Sixteen core processing computer with 1 Tbyte hard drive and 4 GByte graphics display
- Philips Next Generation SonoCT Real-Time Compounding, with Widescreen capability and up to 9 beam-steered lines of sight that acquires more information and reduces angle-generated artifacts
- Philips next generation XRES Adaptive Image Processing for noise and artifact reduction to improve tissue and border definition
- Fully independent, multiple mode Triplex operation

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Transducers

Advanced Compact connector technology offers pinless design for exceptional reliability and performance that feature:

- Ergonomic designs with lightweight flexible cables
- New low-loss technology for better penetration with fewer artifacts
- Breakthrough frequency bandwidths and array configurations

Supports array configurations up to 20 MHz – sector, linear, curved, tightly curved, TEE and mechanical volume transducers

Automation

Designed with our most innovative tools to maximize efficiency

- Autoscan (real time iSCAN) automatically optimizes gain and TCG continuously to assure you are achieving an optimal image in 2D, 3D and 4D.
- SmartExam system-guided protocols with new features that include exam record and automatic mode switching to greatly improve workflow efficiencies
- Vascular Auto Doppler flow optimization automatically adjusts color box position and angle, automatically adjust sample volume placement and angle. Also includes Auto Flow Tracking for automatic angle correction with sample volume movements
- Vascular High-Q Automatic Doppler provides real-time tracking of Doppler signal, automatically selecting the highest peak velocity and with the touch of a button, adding measurements to your report
- Intelligent Tissue Specific Imaging Application-specific and user definable Quicktext Automatic Annotation
- QuickSAVE User Defined Programs (up to 45 per transducer)

Data

- Multi-Modality Query Retrieve (Allows for the viewing of DICOM CT, Mammography, NM, MRI and ultrasound images – you can review these images while you are live imaging)
- NetLink/DICOM 3.0 provides network print and store, commit, modality worklist, DICOM Query and Retrieve, and structured reporting for adult and pediatric echo, vascular, and OB/GYN
- DICOM 3.0 Print and Store capability to internal drive or DVD/CD
- Integrated Wireless DICOM with WEP security
- On-board workstation-class data management with thumbnail previews and storage of images, loops, and reports
- Retrospective and prospective clip capture to internal drive or removable media
- Integrated DVD/CD burning capability for storage of DICOM images or export in JPEG and .avi for PC compatibility
- Ability to send X,Y & Z volume MPR's to most PACS
- Ability to export QLAB native data

Other Core Features

- 2D Panoramic
- Color Power Angio
- Tissue Harmonics and Pulse Inversion Harmonic Imaging

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- Basic 3D imaging capability with MPR visualization feature
- 2D, M-Mode, Anatomic M-mode, Color Flow Doppler, Pulsed Wave Doppler (PW), High PRF PW , Continuous Wave Doppler
- Cineloop Image, M-mode and Doppler Review
- High Definition Write Zoom and Read Zoom with pan features
- Chroma Imaging
- Measurement tools including: distance, depth, area, and circumference
- Volume Flow Measurements
- Tissue Doppler Imaging
- LVO
- Stress Echo Protocol

Power Battery Pack

Highly recommended for portable ultrasound studies. Allows system to be place in sleep mode and booted up in 20 seconds. Allows activation of the smart handle when not plugged in to central power.

EPIQ DVD Option

Clinical Education

EpiQ (GI) Clinical Education; ***2 days of Implementation Onsite Training (expires 90 days after install, provided Mon-Fri during normal business hours), an E-Learning subscription; Basic System Training course for two people (expires 180 days after install) and a *1 Day offsite Advanced Customer Training course for one (expires 180 days after install). All offsite training includes travel, see travel disclaimer**

*Must be used consecutively with other offsite advanced customer training tuitions associated with the same system, if purchased with other options that include offsite advanced customer training; offsite advanced customer training will be limited to a maximum of 2 consecutive days.

**TRAVEL Disclaimer: Travel & Accommodations for registered attendees. Each tuition includes one (1) participant's airfare from a North American customer location to a Philips North America Ultrasound Clinical Education training location with modest lodging, ground transportation and meal expenses for the course duration. Breakfast/dinner are provided by the hotel and lunch/breaks are catered by Philips Healthcare. All other expenses will be the responsibility of the attendee (ie. Baggage fees, meals while traveling, transportation to and from customer's home airport). Details are provided during the scheduling process. Note: 21 day Cancellation/Rescheduling policy is strictly enforced.

***Note: Philips Healthcare personnel are not responsible for actual patient contact or operation of equipment during education sessions except to demonstrate proper equipment operation. The training sessions should be attended by the appropriate healthcare professional as identified by the department director. Repeat training for staff non-attendance will not be accepted. Site must be patient-ready to meet training expectations.

2	**NNAP348	Breast Bundle w/Elastography	1
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Small Parts Clinical Option

- Tissue Specific Imaging software for linear array transducers in Small Parts ultrasound applications
- Display optimization software with Tissue Specific presets for Small Parts imaging and Doppler applications
- Analysis software package includes a general imaging protocol and report

Allows operation of L12-3, L12-5 and L18-5 transducers.

Strain Elastography

Highly sensitive strain imaging requires no external compression and can be used to assess relative tissue stiffness across a variety of applications. Strain based Elastography for Breast Imaging (L12-5) Strain based Elastography for uterine imaging (C10-3v). Strain based Elastography for a wide range of high frequency applications – thyroid, MSK, etc. (L18-5).

L12-5 Transducer Compact

Fine pitch, 256 element, high resolution linear array transducer with 12 to 5 MHz extended operating frequency range for high resolution superficial applications, including small parts, breast, vascular and musculoskeletal imaging.

L18-5 Transducer Compact

Ultra-fine pitch, 288 element, high resolution linear array transducer with 18 to 5 MHz extended operating frequency range for high resolution superficial applications, including small parts, breast, superficial vascular and musculoskeletal imaging.

Clinical Education

If you are purchasing Elastography on a 2D EpiQ 7 you will receive; A 3 Day offsite University (expires 275 days after install), and A Post University Integration onsite class (expires 365 days after install). All offsite training includes travel, see travel disclaimer**

If you are purchasing Elastography on a Live 3D EpiQ 7 you will receive; A 3 Day offsite University (expires 275 days after install). Post University Integration will be included with the Live 3D option). All offsite training includes travel, see travel disclaimer**

If you are purchasing Elastography on an EpiQ 5 you will receive; A 3 Day offsite University (expires 275 days after install). All offsite training includes travel, see travel disclaimer**

If you are purchasing Elastography as an upgrade you will receive; ***1 day of Implementation Onsite Training (expires 90 days after install, provided Mon-Fri during normal business hours) and *1 day of the offsite Advanced Customer Training course for one (expires 180 days after install). All offsite training includes travel, see travel disclaimer**

*Must be used consecutively with other offsite advanced customer training tuitions associated with the same system, if purchased with other options that include offsite advanced customer training; offsite advanced customer training will be limited to a maximum of 2 consecutive days.

**TRAVEL Disclaimer: Travel & Accommodations for registered attendees. Each tuition includes one (1) participant's airfare from a North American customer location to a Philips North America Ultrasound Clinical Education training location with modest lodging, ground transportation and meal expenses for the course duration. Breakfast/dinner are provided by the hotel and

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lunch/breaks are catered by Philips Healthcare. All other expenses will be the responsibility of the attendee (ie. Baggage fees, meals while traveling, transportation to and from customer's home airport). Details are provided during the scheduling process. Note: 21 day Cancellation/Rescheduling policy is strictly enforced.

***Note: Philips Healthcare personnel are not responsible for actual patient contact or operation of equipment during education sessions except to demonstrate proper equipment operation. The training sessions should be attended by the appropriate healthcare professional as identified by the department director. Repeat training for staff non-attendance will not be accepted. Site must be patient-ready to meet training expectations.

All Tuitions must be registered prior to the expiration date. The course chosen must be taken within 90 days of expiration

3	**FUS7000	English Manual	1		
		Operation Manual			

4	**989801299678	Airfare to Cleveland for Biomed Training	1		
		Includes one (1) participant's airfare from North American customer location to the Cleveland Training Center (CTC) in Cleveland, Ohio. All other expenses will be the responsibility of the attendee. Details are provided during the scheduling process. Note: Cancellation/rescheduling policy strictly enforced. Expires one (1) year from the earlier of equipment delivery date or purchase date.			

5	**989801299679	Food Transpt Lodging for Cleveland Biomed Training	3		
		Includes one (1) day of modest lodging, ground transportation, and meal expenses in Cleveland, Ohio for one (1) attendee. All other expenses will be the responsibility of the attendee. Details are provided during the scheduling process. Note: Cancellation/rescheduling policy strictly enforced. Although this part is only for one day, it is sold in multiple quantities to account for entire length of course. Expires one (1) year from the earlier of equipment delivery date or purchase date.			

6	**989801299624	US2094 EPIQ 1.0 BIOMED CTC	1		
		3			
		Course Title: EPIQ 1.0 Biomed			
		Course Number: US2794			
		Course Length: 3 days			
		Delivery Method(s): Instructor Led			
		Modality: Ultrasound			
		Location: Cleveland and Best			
		Target Audience: Biomed and Hospital Engineers			

DESCRIPTION:

This course prepares the customer's service technician to perform routine and corrective service tasks for the EPIQ systems in support of the Philips Field Service Engineer.

PREREQUISITES:

US9080 Ultrasound Essentials for Biomed, Recommended.

COURSE OBJECTIVES:

After completing this course, you will to:

- Describe and differentiate the EPIQ products.
- Support the installation of the systems by the FSE.

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		<ul style="list-style-type: none"> • Explain how to configure EPIQ systems. • Operate the EPIQ systems. • Train users on basic EPIQ system operation. • Configure the system settings and operate the EPIQ systems at a basic level. • Describe the theory of operation of the EPIQ systems. • Use the software tools provided with the PSC in the EPIQ systems. • Service the EPIQ systems. 			
7	**FNA8204	1st SVC Manual for Gov	1		
8	**NNAP459	Training Note	1		
		<u>**Training Note: Onsite Clinical Education Training Hours can be substituted for Offsite Training. At the customer's request, Philips Training personnel will travel to the customer's equipment site to perform the Clinical Training.</u>			

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OPTIONS

Line #	Part #	Description	Qty	Each	Price	Initial
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1	**FUS8912	L15-7io Transducer Compact	1			
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Compact high resolution linear array transducer with 15 to 7 MHz extended operating frequency range for intraoperative vascular imaging. Also supports high-resolution superficial venous and arterial studies.