

VAMC COLUMBIA, MO
PO# 589-B33007

	Item	Qty
	z.one ultra Convertible System	1
	<p>The z.one ultra Convertible Ultrasound system with Advanced Hardware includes the SmartCart that is powered by the removable Scan Engine with Advanced Hardware. Scan Engine with Advanced Hardware:</p> <ul style="list-style-type: none">• Cold Boot-up time < 30 sec• Dramatically improved processing power• Multifunction USB port, Wireless ready, Digital video• B, CD, PDI, M, PW, and Tissue Harmonic imaging• Auto Opt with ZST- Instantly equalizes tissue gain and brightness. ZST automatically compensates for differences in sound speed propagation from patient echo information.• OB, Gyn, Abdominal & Vascular calculations packages• Rechargeable Battery• 2 GB Internal Drive• System software• Touch screen stylus• User's manual, & quick start guide <p>SmartCart:</p> <ul style="list-style-type: none">• 19" color high resolution LCD display mounted on articulating arm• Organic LED display for customizable image mode menus• Nitrogen Gas Shock enabled full	

- height-adjustable user interface
- Multiple USB connections
 - Industry's only HDMI/DVI digital video output
 - Shock resistant and dual rubber tread wheels with 4-wheel swivel
 - Customized, durable baskets to carry supplies
 - DVD/HD included

Both the Scan Engine and SmartCart come with a one year warranty

(parts, labor, technical support & software upgrades).

DICOM Networking for SuperCart/SmartCart Print, Store and Modality Worklist. DICOM Structured Reporting supported.	1
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Battery Pack for z.one ultra/ z.one ultra sp	1
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Battery Pack for ZS3,z.one ultra, and z.one ultra sp (SmartCart/SmartCart sp) for up to 2 hours of scanning time.

L8-3 Linear Array Transducer	1
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L8-3 Linear Array Transducer (8-3 MHz)
Primary Applications: Peripheral Vascular. The transducer offers ten frequencies including three frequencies for 2D and M-Mode, two for Tissue Harmonics, one for Compound Harmonics, and two each for Color/Power and PW Doppler.

L14-5sp Special Procedures Linear Array Transducer	1
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L14-5sp (Special Procedures) Linear Array Transducer (14-5 MHz)

Primary Applications: Intraoperative, saphenous vein mapping. The transducer offers ten frequencies including three frequencies for 2D and M-Mode, two for Tissue Harmonics, one for

compound harmonics, and two each for Color/Power and PW Doppler. Requires Minimum Software Version 3.1 and Advanced Hardware

P4-1c Phased Array Transducer 1

P4-1c Phased Array Transducer (4-1 MHz)

Primary Applications: Cardiac, Abdominal Vascular, Transcranial Imaging. The transducer offers fourteen frequencies within 2D and M-Mode, Tissue Harmonics, Color/Power, PW Doppler, Compound Harmonics, and Compound Imaging. Up to 30 cm penetration. Requires Minimum Software Version 3.0 and Advanced Hardware

L14-5w Linear(Wide Array) Transducer 1

L14-5w Linear Transducer (14-5 MHz)

Primary Applications: Small parts, breast, and superficial anatomy Imaging. The L14-5w has an aperture of 55mm with virtual apex imaging capabilities and offers 10 frequencies including three fundamental, one tissue harmonic, two compound imaging and two each for color Doppler and PW Doppler modes. Requires Minimum Software Version 4.1

2GB USB Memory Stick for Scan Engine w/Adv. Hdw. 1

Echo Option factory (z.one ultra system) 1

Includes Multi-Transducer Port Adaptor (MTP), CD/DVD and Additional Hard Drive Storage (>250 Gb). Enables the ability to perform an entire cardiac examination for assessing patients' anatomy and physiology utilizing 2D, M-Mode, Color Doppler, PW, CW and TDI. Includes a

comprehensive calculation
package. Requires P4-1c Phased
Array Transducer Advanced
Hardware and Software Version 4.0