



SonoScape

E3
Premium

Detailed images for
diagnostic confidence



Exclusive To Sonologic

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Ultrasound Systems



Premium Examination
Couches



Colposcopes



Consumables



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Caring for life through innovation.™



E3 Premium

A brand new portable ultrasound system, the E3 Premium, brings you a distinct experience with traditional imaging technologies. The E3 Premium's accurate B mode and sensitive colour signal give crisp, detailed images to improve your scanning experience while increasing your diagnostic confidence.



The E3 Premium is an economical & highly portable Colour Doppler system with optimum image quality capabilities.

Featuring a number of advanced imaging technologies, the E3 Premium is fully equipped and has full digital broad-band beam former, wide-band dynamic range and multi-beam parallel processing.

Suitable for basic clinical screenings through to in-depth and full exam profiles with high-end options such as Auto IMT, Spatial Compounding, Auto Image Optimization, Stand-by Mode,

- Multi-application for a range of uses: POC, OB/GYN, MSK, Vein Care & Pain Management
- Multiple probe ports
- Sono Help – on board tutorials for ease of use
- Robust, portable design
- Long 90 minute battery life
- Superior quality at an affordable price
- 2 year standard warranty
- Optimal Needle visualisation
- One touch image optimisation
- Streamlined data management & reporting functionality
- Single crystal technology available on selected transducers
- Full suite of available transducers
- Smart automated calculations
- Small footprint cart – ergonomic & space saving

Classic Inheritance

E3
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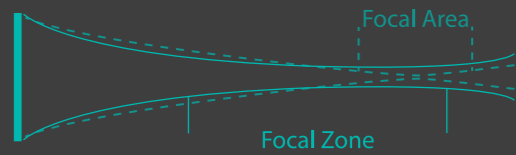
Specifications

Size:
378mm×352mm×114mm (W×H×D)

Weight:
Approx. 6.5kg (including battery)
Approx. 6.1kg (without battery)

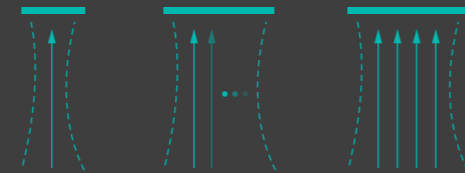
Monitor:
15.6" widescreen and high-resolution colour LCD monitor, LED backlight, anti-flickering and vertically and horizontally rotatable

Probe Port: two
Three ports can be equipped by order.



C-field Beam

Unlike the traditional focus concentrating on limited areas, C-field beam, with a continuously dynamic focus that evenly distributes the signal energy, contributes to better uniformity in the whole image.



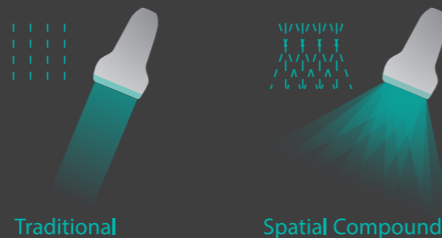
Dynamic Multi-beam Imaging

To dynamically provide multiple beams from different scanning modes to balance parameter demands in various applications, presenting detailed information with good spatial resolution or real time movement with suitable line density and frame rate.



Pure Inversion Harmonic Imaging

It fully preserves harmonic signals without any degradation of the acoustic information, improving contrast resolution by reducing noise and clutter in the visualization of small parts, lesions, vascular and so on.



Spatial Compound Imaging

Spatial Compound Imaging utilizes several lines of sight for optimal contrast resolution, speckle reduction and border detection, with which the P10 is ideal for superficial and abdominal imaging with better clarity and improved continuity of structures.

Excellent Image Quality as Always

C-Field Beam

The continuously dynamic focus provides more energy which contributes to higher contrast resolution, signal-noise ratio and uniformity in the image.

μ-Scan

The latest generation of μ-Scan imaging greatly enhances the image by reducing noise, improving signal strength and improving visualization.

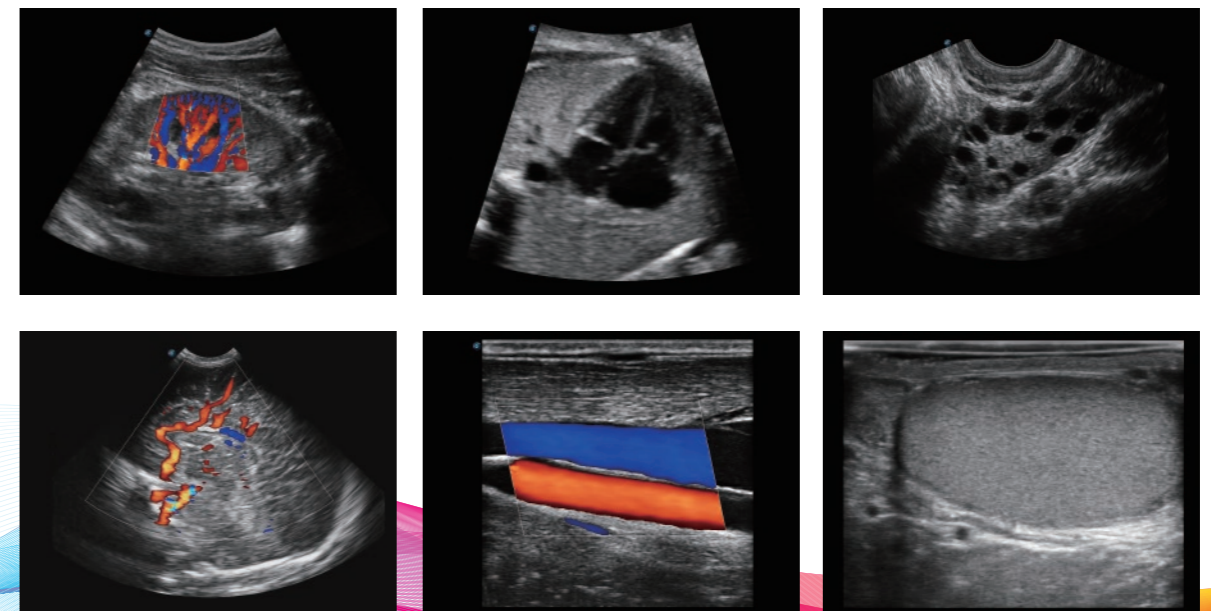
Dynamic Color

With Dynamic Color the sonographers can easily see in detail very small veins and slower velocities for detailed blood flow information of the patient.

Tissue Specification Imaging

The system detects different tissues automatically by matching different acoustic ranges, from which the user can then acquire images with more uniformity and higher spatial resolution.

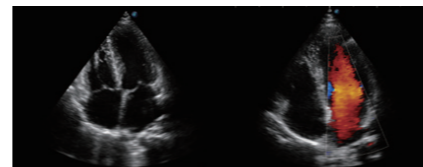
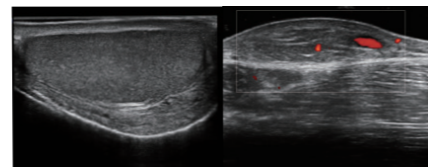
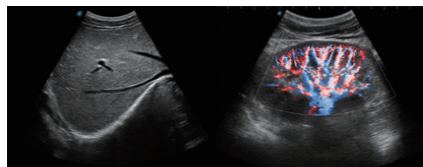
Wide Range Of Probes For All Applications



E3

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A wide range of transducers:

L741	Linear array (Vascular, Small Parts), 4.0-16.0MHz/ 46mm
C3-A	Convex array (Abdominal, Ob & Gyn), 1.0-7.0MHz/ R50mm
7P-B	Phased array (Cardiac, Transcranial), 2.0-9.0MHz
EC9-5	Endocavity (Gynaecology, Obstetrics, Urology), 3.0-15.0MHz/R8mm
C613	Micro-convex array (Cardiology, Paediatrics), 4.0-13.0MHz/ R14mm
6V1	Endocavity (Gynaecology, Obstetrics) 3.0-15.0MHz/ R11mm
3P-A	Phased array (Cardiac, Transcranial), 1.0-6.0MHz
10L2	Linear array (Intra-operative), 4-16 MHz/ 25mm
C322	Convex array (Abdominal Biopsy), 2-6.8 MHz/ R20mm
6CT-A	Convex array (Intra-operative), 3-15MHz/ R40mm



Application: Vascular, Small Parts, Musculoskeletal
Field of View: 46mm



Application: Abdomen, Obstetrics, Gynecology
Field of View: 60°



Application: Cardiac (Pediatric), Neonatal Cephalic
Field of View: 90°



Application: Urology
Field of View: 150°



Application: Abdomen, Cardiac, Urology, Pediatrics
Field of View: 90°



Application: Gynecology, Obstetrics
Field of View: 135°



Application: Cardiac, Transcranial, Abdomen
Field of View: 90°



Application: Musculoskeletal, Small Parts, Nerve, Vascular, Surgery
Field of view: 25mm



Application: Intraoperative, Abdomen
Field of View: 45°