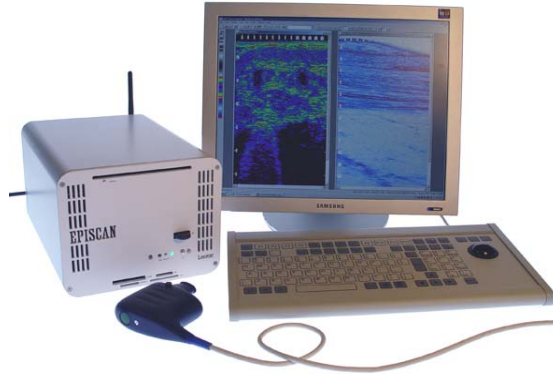


EPISCAN I-200 **System Description & Specification**



The EPISCAN I-200 has been designed to image the skin and underlying two centimeters of soft tissue using high resolution ultrasound. The system has been designed to sit on a cart or on a desk. The specification of the system is as follows:

SYSTEM

- Ultrasound imaging mode A and B or brightness scans
- Digitalization rate up to 200 Mega samples per second at 8 bits (not interleaved)
- Scan depths 3.8, 5.4, 7.6, 11.2, 15 and 22.4mm (user selectable)
- Image size user selectable up to 2048 x 1024 pixels (2 MB image)
- User adjustable gain and time gain compensation
- 19" display
- 40 GB hard disk
- Smart Card Readers (Compact flash/microdrive, secure digital, smart media and Memory Stick) for data input / output including digital photographs
- Read / write CD/DVD drive
- Communications (cable and wireless networking, USB ports and Bluetooth)
- Wipeable keyboard with integrated pointer function
- Optional point of care cart

SOFTWARE

- Windows Operating system
- Multifunctional relational database
- Feature Measurement (linear and area)
- User defined ultrasound image size from 500KB to 2MB

- Grey scale and color palettes, plus multiple viewing modes
- Digital photographs can be integrated into patient files and viewed
- Multiple images, ultrasound scans, and digital photographs, can be viewed
- DICOM compatible output
- Annotation of ultrasound images and digital photographs
- Image analysis functions
- Multiple images retained following imaging
- Automated image transfer functions
- Help function

PROBES

The EPISCAN has been designed to accept a range of different ultrasound probes, which can be changed while the system is powered up.

Probes

- Center Frequency 20 - 50MHz
- Transducers of different focal characteristics available
- Bandwidth of most probe designs exceed 100%
- Scan Length 15mm
- Scan Rate 1 frame per second

Approvals

- CE & UL kite marked, FDA marketing clearance obtained
- Manufactured to ISO-9001 and ISO-13485 manufacturing quality standards



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