

Diagnostic Scanner

Convex / Linear Ultrasonic System

HS-2100

Our unique technology is the product of our originality and continual pursuance of achieving high quality. It is also our purpose to contribute in ways that will enhance society.



SPECIFICATIONS

Scanning Method	Linear / Convex electronic scan	
Display Mode	B, B/B, B/Z, B/M, M	
Range	0-20 mm_0-240 mm (10mm step)	
Focusing Method	Full Digital Beam Forming, Continuous Dynamic Receiving Focus 4 Stage Dynamic Transmission Focus	
Ultrasound frequency	2.8 to 12.5 MHz	
Display Monitor	10.4" SVGA LCD, 8 bits, 256 gray scales wide viewing angle (horizontal:170° vertical: 170°)	
Image Display	Up/Down, Left /Right	
Image Adjustment	B-gain, M-gain Dynamic Range	36 to 100dB 1dB step 35 to 95 dB 10 dB step (1dB adjustable) 8 segment Acoustic Power 20% - 100% (10% step) γ correction 5 types (max. 10) H-res (Image Enhancement) Soft: OFF and 4 level Edge: OFF and 3 level Sweep Speed 1, 2, 4, 8 sec./frame
Cine Memory	255 frames	
Measurement Function	Distance, Circumference, Area, Volume, Angle, Hip Joint, Histogram, Gestational weeks Calculation, EFW, Velocity, Heart Rate, LV Calculation	
Character Display	Hospital name, Patient name, ID, Age, Sex, DOB, LMP, Date, Time, Probe type, Range, Gain, Acoustic Power,Dynamic Range, Gamma, H-res, Gray Scale, Focus information	
Probe Connector	2 (selected by keyboard)	

Dimension (WxDxH)	Approx. 335 x 200 x 380 (mm) (keyboard closed) Approx. 335 x 500 x 380 (mm) (keyboard opened)	
Net Weight	11 kg approx.	
Power Source	100V~240V AC±10% 50/60Hz 150VA	
Data storage	Still Image (JPEG)	Internal (100 Images max.) External USB memory
	Moving Image (AVI)	External USB memory
External I/O	USB memory port Video output External monitor Printer Remote Port x1 Foot switch	x 1 x 2 channel (composite video) Analog RGB
Probes	2.8/3.5/5.0MHz 60R Convex probe 5.0/7.5/10.0MHz 50mm Linear probe 5.0/7.5/9.0MHz 10R Micro-Convex probe (Transvaginal 120°) 7.5/10.0/12.5MHz 30mm Linear probe (small parts) 5.0/7.5/9.0MHz 12R Micro-Convex probe 3.5/5.0/7.0MHz 20R Micro-Convex probe 5.0/7.5/9.0MHz 10R Micro-Convex probe 5.0/7.5/10.0MHz 50mm Linear probe (Transrectal) 2.8/3.5/5.0MHz 80mm Linear probe	HCS-536M, HCS-436M HLS-575M, HLS-475M HCS-5710MV, HCS-4710MV HLS-513M, HLS-413 HCS-5712M HCS-452M HCS-4710M HLS-455R HLS-438
Option	Video Printer Foot Switch Biopsy Guide Stand Off	

*The specifications and appearance are subject to change without notice for improvement.
*Made in Japan

