

CHISON ECO2, ECO3EXP. DIGITAL ULTRASOUND SYSTEMS



ECO2

33862

ECO3EXP.

33864

CHISON
Value Beyond Imaging

GIMA code	DIGITAL ULTRASOUND B&W DIAGNOSTIC IMAGING SYSTEM
33862	CHISON ECO2 with 1 probe connector without probe
33864	CHISON ECO3EXP. with 2 probe connectors without probe

	STANDARD PACKAGE	ECO2	ECO3EXP.	ECO5/6
12" high resolution LED monitor - B&W		•	•	
12" high resolution LED monitor - colour				•
8G memory card		•	•	•
Hot Key		•	•	•
PC printer connection		•	•	•
3 USB port, 1 ethernet port		•	•	•
1 video out port, 1 VGA out port, 1 footswitch port		•	•	•
Full screen display		•	•	•
2.5 hours rechargeable lithium-ion battery	optional	•	•	•
Power adaptor		•	•	•
Standard software package		•	•	•
Easy View image archive system		•	•	•
THI		•	•	•
PW (doppler function to detect blood flow speed)		•	•	•

TECHNICAL SPECIFICATIONS

Dimension and weight: 33.5x15.5x35 cm (13.2"x6.1"x13.8"); 6 kg
 Display: 12" LED, high resolution 1024x768
 Power: AC 100-240 V - 50/60 Hz
 rechargeable lithium-ion battery (ECO2 optional, ECO3EXP. standard)

	LANGUAGE - switchable by user										
	GB	IT	FR	ES	PT	DE	PL	CZ	TR	CN	RU
Software	•	•	•	•	•	•	•	•	•	•	•
User manual	•	•								•	

ECO2 Powerful and affordable B/W system

ECO3EXP. Premium Black&White Model with Doppler,

- ultra-compact and ultra-light weight, easy to carry
- latest LED screen technology, super bright images allow to easily view scan even outdoor
- ergonomic monitor design, 30 degree rotation, adjustable
- ultra-long battery life up to 2.5 hours, for outdoor scanning
- one-key to enlarge image to full screen, easy to view from distance
- streamlined workflow, easy to operate, 6-one-key to finish the cycle of diagnosis.

Display modes and imaging processing

B, B/B, 4B, M, B/M, PW multi-frequency imaging.

Imaging processing

- compound Imaging
- i-image intelligent image optimization
- THI (Tissue Harmonic Imaging)
- SRA (Speckle Reduction Algorithm)
- full digital beam-former
- full screen display
- trapezoidal
- automatic PW trace
- Chroma
- AIO (Automatic Image Optimization)

User interface

- fold-up control panel and alphanumeric keyboard
- back-lit keyboard for good visibility in dark room
- indicator lights identify activated keys
- 8 TGC slides for easy adjustment
- short cut knob for quick adjustment (hot key user-defined)
- neat and clear keyboard layout, doctor can remember easily
- interactive back-lighting
- user defined preset

Streamlined workflow, one key to:

- select desired application with automatic preset
- optimize the image automatically (AIO)
- save still image and cine loop
- print to PC printer* (laser or inkjet) or video printer

*See list of compatible printers on our websites

EASYVIEW™ Archive system

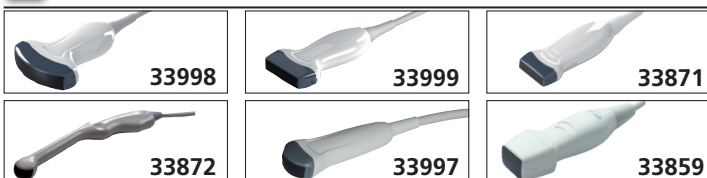
- image archive on hard disk and USB mobile storage
- multiple image formats: BMP, JPG, DCM, CIN, AVI
- cine review: auto, manual (auto review segment can be set) for 2D, M, PW images
- cine memory capacity (256 frames/10s)
- 3 USB ports

PW (Pulse Wave) included

Norms

- IEC 60601-1, IEC 60601-1-1 Electrical medical equipment,
- IEC 60601-1-2 Electromagnetic compatibility,
- IEC 60601-1-4 Programmable medical systems,
- IEC 60601-2-37

PROBES AND ACCESSORIES FOR CHISON ECO SERIES



PROBES ECO1 - 2 - 3 - 5 - 6			FREQUENCY(MHz)		● Main application									
GIMA code	CHISON code	Scanning method	Main freq.	Probe band width	ABDOMINAL	OB&GYN	UROLOGY	SMALL PARTS	BASIC CARDIOL	CARDIOLOGY	MSK	VASCULAR	PEDIATRIC	ORTHOPAED.
33998	C3-A	Convex	3.5	2.5 - 5.0	●	●	●						●	
33999	L7M-A	Linear***	7.5	5.3 - 10.0				●			●	●	●	●
33871	L7S-A	Linear****	9.0	5.3 - 11.0				●			●	●	●	●
33872	V6-A	Micro-convex	6.0	4.5 - 8.0		●	●							
33997	MC6-A	Micro-convex	6.0	4.5 - 8.0	●								●	
33873*	R7-A	Trans-rectal	7.5	5.0 - 10.0			●							
33874	MC3-A	Micro-convex	3.0	2.5 - 5.0	●			●	●					
33859**	P3-A	Phased Array	3.0	2.5 - 4.5						●				

*For ECO3EXP., ECO5 and ECO6 only **For ECO6 only

***With 40 mm footprint, general linear probe

****With 30 mm footprint for superficial tissue exams with higher resolution

GIMA code	ECO SERIES ACCESSORIES
33869	Rechargeable lithium-ion battery BT-2500 (2.5 hours)
33867	ECO trolley TR-9000
33868	Carrying bag
33866	Needle guided brackets - specify for which probe (for 33998-9 only)



PRINTERS	
33968	SONY UP-X898 MD B&W printer (for ECO1, ECO2, ECO3EXP.)
33993	SONY UP25MD colour printer (for ECO5, ECO6)
33961	SONY UPD25MD colour printer (for ECO5, ECO6)

