

Add: Sunbright building, No.588 Mingcheng Road, Fen

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SUN-800D full digital PC-based 3D veterinary ultrasound





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Introductions

Sunbright is proud to announce its newly released laptop-sized ultrasound systems, varying from 2D, 3D, black & white, etc. Local dealers are warmly welcome to check with Sunbright for distributorship ASAP.

Compact as a typical laptop computer, veterinary ultrasound Sun-800D 3D ultrasound system incorporates with the latest biomedical engineering and ultrasonic imaging techniques, delivering superb image quality, outstanding clinical performance and versatility, user-friendly tutorial workflow, easy affordability, and beyond. It's surely the right hand of ultrasound professionals anywhere, anytime.

Detailed Product Description

Weighing less than 5 kgs, comfortably pick and go.

Built-in battery, working time more than 2 hours, extending point of care to sites where power sources are unavailable.

Not only a professional ultrasound system, could also be a laptop computer upon request.

15 inch LED display, as large as 175 degree viewing angle.

8-segment TGC, precise adjustment of near/far gain.

2 USB ports, connectivity of USB flash and laser printer

Discom 3.0 port, compatibility with archives, PACS or serves

Projector port, a must for lecturing or training

Probe variety: convex, micro-convex, endo-cavity/rectal, linear

Specialty: general, Obstetrics, Gynecology, Abdominal, Urology, Vascular, Soft Tissue,

pediatric, orthopedics, minimally.

Display mode; B, 2B, 4B, B/M, M

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Imaging mode: 2D, free-hand 3D,

Scanning depth: 250mm and depth could be increased, depend on the probes

Image/video format: AVI, JPG, BMP, PNG, TIF, DICOM

Specifications

Display	Full digital 15 inch LED display, 3D ultrasound
Platform	Pc-based
Probes	3.5MHz R60/R50 convex probe; multi-frequency from 2.0MHz to 5.0MHz
	7.5MHz L40 linear probe; multi-frequency from 5.0MHz to 10.0MHz
	6.5MHz R10/R13 transvaginal probe; multi-frequency from 5.0MHz to 8.0MHz
	3.5MHz R20 cardiac probe; multi-frequency from 2.0MHz to 5.0MHz
Beam forming	DBF, RDA, DRA, DRF
DFS	Dynamic frequency scanning from 2.0 to 12.0MHz, 4 multi-frequency scanning
THI	Yes
Display mode	B, 2B, 4B, B/M, M
Resolution	600 * 800
Dynamic range	≥100dB, 4 steps of switching functions
Image process technologies	controllable frame correlation, Gamma correction, edge enhancement,
	image smoothing, image denoisiong, automatical gain adjustment,
	up/down, left/right and black/white conversation.
Image magnification	stepless magnification, dynamic real-time PIP local zoom functions
Cine loop	512 frame auto/manual cine loop; multi screens cine loop (4B, 9B);
	auto/manual cine loop under B/M and M mode.



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Image management system	the functions of pigeonholing, browsing, comparing, saving, printing and transferring images; as many as hundreds of thousands of images and thousands of cine loop could be saved; saved images could be operated by full-screen browse under slide mode.
Measurement and calculation	measure perimeter and area by distance or ellipse method; measure perimeter and area by track method; measure body surface area and volume by ellipse method. 4 measure sticks; rate measure; linear stenosis ratio, area stenosis ratio, angle measure. All calculations are automatic.
Assist tools	puncture guide, histogram, sectional drawing.
Menu manage interface	real time online support and navigation clew system, image fore-set and one-key optimization functions.
Body marks	Multi-tens
Patient cases database system	All the data could be saved, searched and managed. Multiple kinds of OB. measurement reports, fetus physiological grades and reports and fetus growth curve.
Presetting Formulas	Presetting system for diagnosis and measurement formulas. Different formulas could be set according to different races.
Auto-measure	OB .: BPD, CRL, GS, HA, AC, HC, FL, APAD, TAD, FTA, HUMERUS,
software of OB.,	OFD, THD, TIBIA, ULNA, AFI, LIMP, BBT, FBP
Gyn., small	Gyn.: uterus diameter, intima thickness, ovary colume, regnant ovarian
organs, cardiac,	follicle, length of cervix long-diameter, uterine.
urology and	Small organs: thyroid gland, hip joint.
others	<i>Cardiac</i> : AOD, LAD, IVSTd, LVIDd, AA, LAD/AOD, LVPWd, LVIDs, EF,



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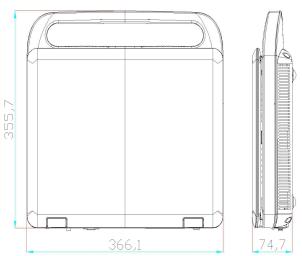
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	EF SLP, CA/CE, MVCF, CO, CI, LVMWI, AVSV, FS, ACV, ET, SV, SI,
	LVMW, QMV.
	Urology: remained urine sample, prostate, PSAD.
	Patient cases database systems. All the data could be saved,
	searched and managed.
	Multiple kinds of OB. measurement reports, fetus physiological grades
	and reports and fetus growth curve.
3D software	Yes
Relative extended ports	VGA, S-Video, TV video port
	USB2.0 port, 2G saving card
	RJ-45 network port
	Multiple kinds of saving modes are all supported, containing soft disk,
	hard disk, flash disk, CF card, SD card and others.
	Compatible of jet printer, laser printer, video printer and video recorder





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