



Affordable Digital Portable SSI-600

+ High Performance

The SSI-600 is a very high performance portable ultrasound system that incorporates the latest microelectronic technology

and the proprietary imaging processing techniques.

With SonoScape's high-density 4-frequency-selection transducers that are normally used in higher-grade systems, the SSI-600 delivers excellent image clarity

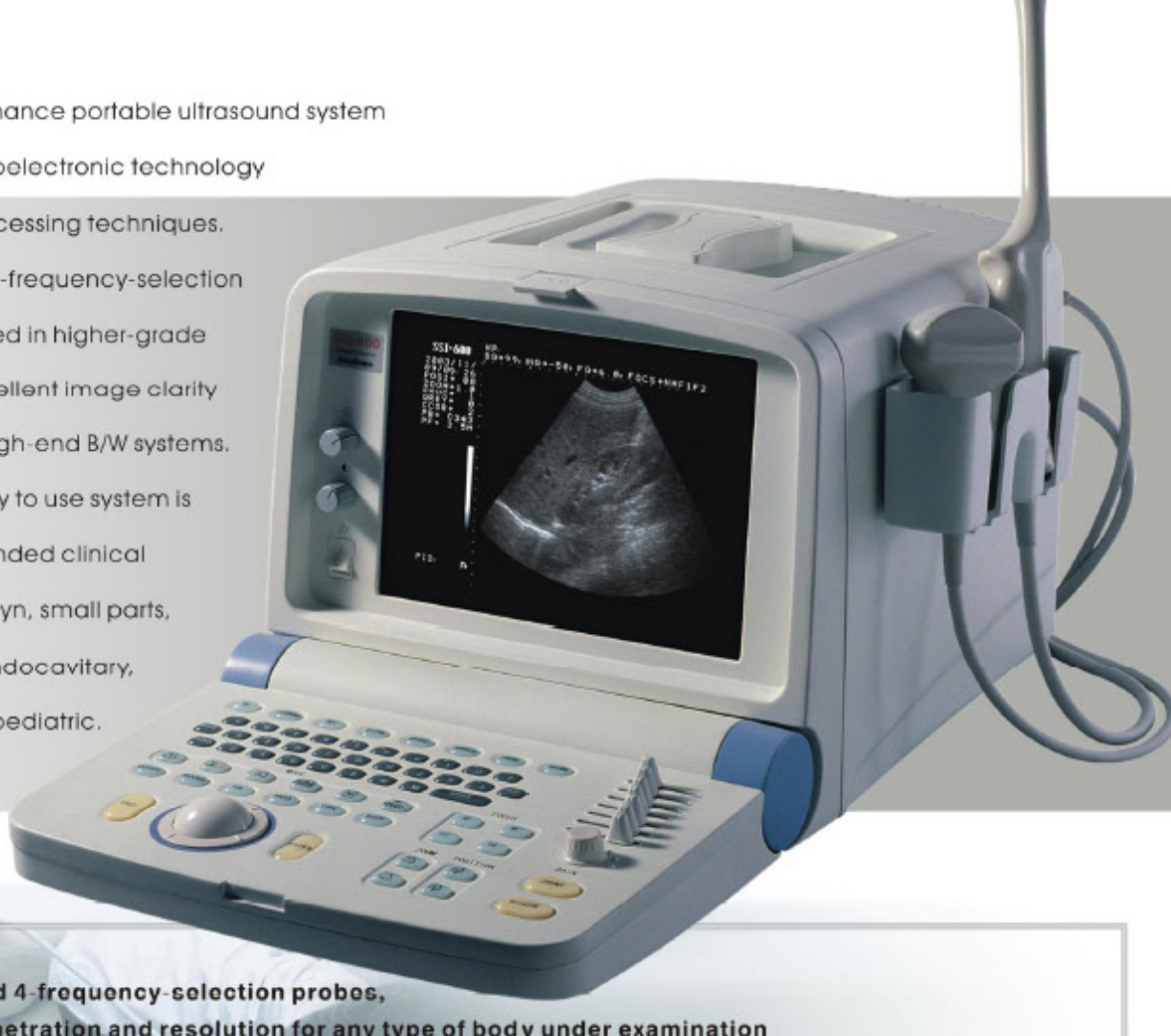
and accuracy comparable to high-end B/W systems.

This reliable, ergonomic and easy to use system is now available for you in the extended clinical

applications of abdominal, ob/gyn, small parts,

vascular, urological, prostate, endocavitary,

surgical scanning, cardiac and pediatric.

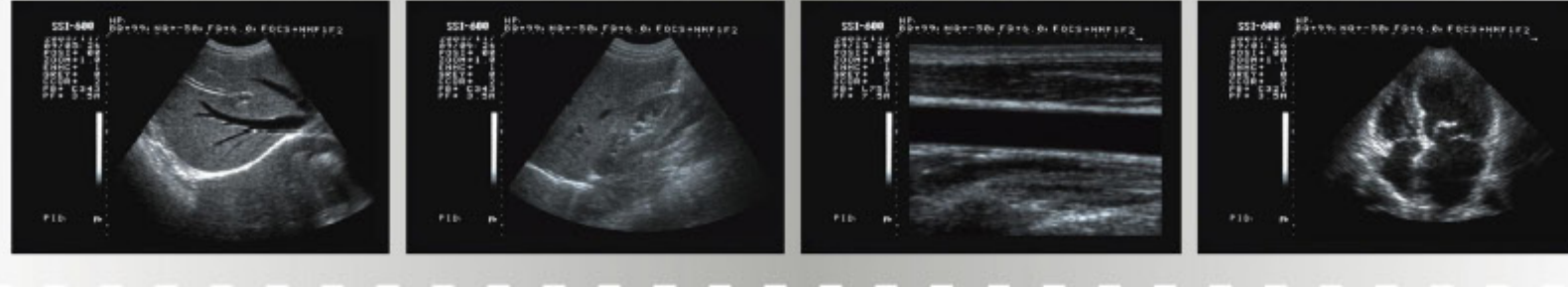


- High density very broadband 4-frequency-selection probes, which allows for optimal penetration and resolution for any type of body under examination
- Non-interlaced display with large non-flickering imaging, operator fatigue greatly reduced
- The back-lit operator panel is ergonomically designed for comfortable & efficient ease of use even in dark room
- Built-in image storage & retrieving for doctor's later review, making the analysis easier

- Cine Loop
- 7-step TGC Control



+ High Resolution



C361
R60mm convex probe for General-purpose abdominal /Obstetric /Gynecologic
Freq.: broadband 5-2 MHz



L751
50mm linear probe for Breast /Vascular/Small parts/Thyroid, testicular&musculoskeletal
Freq.: broadband 10-5 MHz



5V1
R11mm vaginal probe for Gynecologic /Obstetric
Freq.: broadband 7-3 MHz
Field of view: 135°



C321
R20mm microcurved probe for adult cardiac, trauma assessment, general-purpose abdominal and thoracic
Freq.: Broadband 5-2 MHz



C343
R40mm broadband curved array probe for abdominal, OG/GYN
Freq.: broadband 5-2 MHz



BU1
R11/60mm biplane endorectal probe for urology
Freq.: broadband 9-5 MHz



C511
R11mm microcurved probe for pediatric, neonatal abdomen, vascular assess and assessment
Freq.: broadband 7-3 MHz



6U1
60mm broadband transrectal probe for urology
Freq.: broadband 9-5 MHz



L551
50mm broadband linear array probe for pediatric, small parts
Freq.: broadband 7-3 MHz



C521
R20mm broadband microcurved array probe for pediatric cardiac, neonatal abdomen, vascular access
Freq.: broadband 7-3 MHz



C541
R40mm broadband curved array probe for abdominal, pediatric
Freq.: broadband 7-3 MHz



10I1
28mm broadband linear array probe for intraoperative vascular and superficial vascular
Freq.: broadband 12-5 MHz

+ Technical Specifications SSI-600

1	Probe Types:	Linear Array, Convex Array, Micro Convex Array
2	Probe Frequency:	4-frequency-selection for each probe, working frequency from 2.0MHz to 12.0MHz
3	Probe Connector	Two Probes can be connected, selection via the keyboard
4	Scan Mode:	B, B/B, M, B/M
5	Image Format:	Single Image, Single Zoom Image Double Image, one live one Frozen Double Image, two frozen
6	Monitor:	Non-interlaced Non-flickering 10 inch Monitor, 256 gray scale
7	Time Gain Compensation:	7-step TGC continuously adjustable
8	Processing:	Edge Enhancement in 4 steps Frame Correlation in 4 steps R Post-Processing Curve: 4 types selectable Image reverse: left/right, positive/negative, up/down
9	Image Zoom	X0.8, x1.0, x1.2, x1.5, x1.7, x2.0; depth shift
10	Frame Rate	> 35 frames/sec
11	Sweep Speed in M Mode	1, 2, 4, 8 sec/frame
12	Cine Loop	B mode: 64 frames M mode: 128 seconds
13	Display Information:	Hospital Name, Patient Name, Patient ID., Automatic Display Items: Date, Time, Probe, Frequency, Zoom Rate, Gain, other operation parameters and measurements
14	Measuring & Calculating:	Basic Measurement: Distance, Area, Volume, Circumference, Angle, Heart Rate, Time, etc OB/GYN Measurement: BPD, CRL, FL, AC, HC, GS, VOL, ANG, etc Others: MV, LV, AO, Slope, etc.
15	Body Marks	25 types with probe positions
16	Database:	Patient ID No., Date of Birth, Male/Female, LMP, Remarks, Name/ID, Saved Data, Saved Images
17	DSC Memory Capacity:	512x512x8 bit
18	Image Storage Unit	Built-In Nonvolatile Storage
19	User Interface:	RS-232 for computer image transmission
20	Dimensions:	417x310x260(mm)
21	Net Weight:	12Kg
22	Operation Environment:	Temperature Range: 5~40°C Relative Humidity: ≤ 80% Atmosphere: 700~1800hPa

The specifications and appearance are subject to change without notice for improvement

Standard Configuration: SSI-600 Main Unit with one high density broadband 4-frequency-selection probe C361

Options: Various probes for specific applications, trolley, video printer, etc.