NT3800
Portable Ultrasound Scanner

Specifications

Display mode
B, B+B, B+M, M

Scanning method
Convex sector and linear scanning

Gray scale
256 grade

Monitor
10" SVGA B/W CRT monitor

Image processing
Dynamic range, edge enhancement, processing curves

Focusing method
Single focuses, combined focuses

Application
Abdomen, OB/GYN, Urology, Cardiology and small body parts

Measurement
Multiple measurements of Distance, Circumference, Area, Volume in B mode;
10 EDD tables of BPD, GS, CRL, FL, HL, TAD, LV, OFD, HC, AC, Fetus Age and Fetus Weight;
Cardiology measurement and calculation in M mode.

Zooming
Image magnification in 4 zooms, ×1, ×1.2, ×1.5, ×2 with scroll-up depth control, local image amplification

Image reversing
Left/Right, Up/Down, Positive/Negative

Cine loop
256-frame cine loop function

Memory
32 frames

Screen display
Full screen editor for the annotation of Patient's ID, Gender, Hospital name, Comment report page
Frame frequency, frame average coefficient, puncture guide line, etc.
Real-time clock, probe type, frequency and gain information
Max. 230mm scanning depth
60 body marks

Probe type (Multiple frequency)
Electronic convex array probe (standard)
CA2.5/3.5/5.0MHz R60 80-element

Electronic transvaginal probe (optional)
EV5.0/6.5/7.5MHz/ R12 80-element

Electronic high frequency linear probe (optional)
LA6.5/7.5/8.5MHz/L46 80-element

Electronic rectal probe (optional)
LA4.0/5.0/6.5MHz/L70 80-element

Electronic heart probe (optional)
CA2.5/3.5/5.0MHz/R15 80-element

Optional accessories
B/W video printer, trolley

Video output
PAL-D, SVGA

Power supply
AC220V±10%, 50Hz±1Hz

Packaging
660L×500W×500H (mm)

Net/gross weight
14kg/19kg

NOTE: *Specifications subject to change without prior notice.*

NewTech®
NewTech Industrial Corporation
16859 Stirrup Lane, Minneapolis, MN 55347, U.S.A
Tel: 1-952-232-0666 Fax: 1-952-400-8947
http://www.newtech-medical.com
E-mail: info@newtech-medical.com

NewTech®

Portable Ultrasound Scanner

NT3800

Innovation with Medical Technologies

Electronic heart probe (optional)-

CA2.5/3.5/5.0MHz/
R15 80-element

Electronic rectal probe (optional)-

LA4.0/5.0/6.5MHz/
L70 80-element

Electronic high frequency linear probe (optional)-

LA6.5/7.5/8.5MHz/
LA6 80-element

Electronic transvaginal probe (optional)-

EV5.0/6.5/7.5MHz/
R12 80-element

Electronic convex array probe (standard)-

CA2.5/3.5/5.0MHz
R60 80-element

Portable Ultrasound Scanner

NT3800

Features

- *10” non-interlaced monitor*
- *Convex and linear scanning*
- *Full range of measurements and calculation functions for professional diagnosis*
- *Large angle scanning and local image amplification in real-time*
- *Large capacity for cine loop and image storage*
- *Two probe connectors with automatically probe switching*

Electronic convex array probe with Biopsy adapter