

## Touch B/W Ultrasound Scanner System

PT50A, fully-featured touch black & white ultrasound system, comes equipped with a best-in-class combination of performance and affordability. Simple touch to save time, this simple operation helps enhance exam productivity and increase patient throughput, also minimize most of users learning curve. In additional, PT50A is the most lightweight hand-carried portable ultrasound with three probe ports, deliver superb image quality in many clinics, hospitals or practice settings across multiple examinations.

### CLINICAL APPLICATION



GENERAL



OBSTETRICS /  
GYNECOLOGY



PRIMARY  
HEALTHCARE



EMERGENCY  
MEDICINE



## ADVANTAGES AT A GLANCE

- 15 inch high resolution, wide-angle color LCD with 45 degree tilt functionality
- Three transducer port is designed to meet the different clinical applications
- Advanced imaging technology and superior image quality can provide fast and precise scans
- Replaceable long life battery
- Special-designed probe holder, no need for extra assistance
- iBscan™ Quick Image Optimization
- Annotation library for quick comment
- iBstation™ Patient information management system
- USB image transfer and software upgrade
- Image clipboard for thumbnail view
- The supported DICOM 3.0 can communicate with PACS system of the hospital seamlessly
- Convenient Handle, Micro Probe Connector
- Modular software, easy for upgrade, free lifetime upgrade to new versions



Support Probes



## PT50A Specification

|                          |  |
|--------------------------|--|
| Imaging Modes:           | B, M, 2B, B/M, 4B  |
| Application scenarios:   | Emergency, Ward bedside, Anesthesia guidance, Outpatient clinics, Health checkup, Disaster preparedness, Remote ambulance, ICU / CCU, Intraoperative, Pain management, Epidemic to the countryside, Infectious cluster ambulance |
| Ultrasound platform:     | Based on Linux, stable performance, security data  |
| Touch Screen:            | Fully resistive touch screen   |
| Transducer connector:    | 3 active, unique micro connector   |
| Battery Working time:    | Continuous scan greater than 5 hours with 2 batteries, replaceable battery design  |
| Technology Descriptions: | Wide-angle imaging, Panoramic focusing technology, Rolling M technology, Cloud processing technology, Noise suppression, Image enhancement   |
| Simplified Workflow:     | Zoom, iBscan™, DICOM3.0  |
| Ergonomics:              | 15" high resolution LCD Monitor; Adjustable LCD view angle; Convenient cable & probe hook  |
| Size & Net weight:       | Height: 402mm Width: 385mm Depth: 53mm, approx. 4.5 kg   |
| Connection Port:         | WIFI, 2*USB, S-Video, HDMI   |
| Optional:                | Trolley Cart, Needle-guided brackets, Transducer, Wheeled Transport case, DICOM 3.0, Video printer, Optional Warranty  |