Ultrasounds

MINDRAY TE5

ABOUT

The **Mindray TE5** is a compact, high-performance color Doppler ultrasound system designed for versatile clinical applications. With its 15" touchscreen interface and advanced imaging technologies, the TE5 delivers exceptional image quality for emergency medicine, musculoskeletal, OB/GYN, and vascular examinations. The system features Mindray's proprietary PSH™ harmonic imaging and iWorks™ workflow optimization tools to enhance diagnostic confidence across multiple specialties.

FEATURES

- **Advanced Imaging Modes:** Includes B-Mode, THI, PSH™ harmonic imaging, Color/Power Doppler, and Pulsed Wave Doppler
- **Touchscreen Interface:** 15in LED monitor (768×1024 resolution) with multi-gesture support
- **Compact Design:** Measures 11.6in x 15in x 3.8in (295x380x97mm) and weighs <18.1 lbs (8.2kg)
- **Transducer Support:** 3 active ports compatible with curved, linear, and phased array probes
- **Wireless Connectivity:** Built-in 802.11 b/g/n Wi-Fi (300Mbps max)
- **Battery Operation:** Integrated lithium-ion battery provides >2 hours scanning (14.8V, 5800mAh)
- **Clinical Tools:** Features iBeam™ compounding, iClear™ speckle reduction, and iTouch™ auto-optimization

SPECIFICATIONS

PHYSICAL SPECIFICATIONS

Width: 11.6 in (295 mm)

Height: 15 in (380 mm)

Depth: 3.8 in (97 mm)

Weight: 18.1 lbs (8.2 kg) with battery and one probe

DISPLAY

Type: 15in LED

Resolution: 768 x 1024

Viewing Angle: 85° horizontal/vertical

Frame Rate: 60Hz

POWER

Input: 100-240V AC, 50/60 Hz

Battery Runtime: >2 hours continuous scanning

Charge Time: <4 hours (full charge)

ENVIRONMENTAL

Operating Temp: 32°F to 104°F (0°C to 40°C)

Storage Temp: -4°F to 131°F (-20°C to 55°C)

Humidity: 30-85% RH (operating), 20-95% RH (storage)

Ingress Protection: IP56 (dust/water resistant)

IMAGING PERFORMANCE

Processing Channels: Up to 55,296

Frame Rate: Up to 1000 fps (B-mode)

Harmonic Imaging: PSH™ technology

Cine Memory: 32,346 frames max

Storage: 128GB SSD (~354,313 images)