Wireless Ultrasound Scanner Specification-EB-Pro

1. System Specification

Size: 190x90x60mm

Weight: 630g (With probe)

1.1 Ultrasound platform: Android,Windows(reserved)

1.2 Connection Type: WIFI, USB Type-C

1.3 Viewing device: Tablet, Phone, Goggles

1.4 Waterproof level: IP67

1.5 Imaging Modes: B,M

1.6 Architecture: All-digital broadband

1.7 Gray scale levels: 256

1.8 Dynamic range: 120dB

1.9 Frames rate: 26/frame

1.10 Scanning depth: up to 310mm

1.11 Digital Technology:

Tissue harmonic Imaging

Tissue Specific Imaging

Panoramic focusing technology

Frequency compounding

Space compounding

Wide-angle imaging

Real-time Dynamic Aperture

1.12 Zoom: Max 10 times (Only Windows)

1.13 Language:

Software: English, Chinese (Android,Windows)

Russian, Spanish, Italian, Czech (Only Windows)

User Manual: English, Chinese

1.14 Cine loop: 400 frames movie playback stored

1.15 Connectivity:

Export studies via USB -C or DICOM3.0 (only Windows)

Display images through HDMI Port with transfer accessory

Print to wireless printers

2. Measurement and Calculation

2.1 B mode: Distance, angle, area, volume,trace length, distance ratio, area ratio, histogram

2.2 M mode: Distance, time , slope, heart rate

3 Cine loop

3.1 Manual and automatic playback

3.2 400 frames movie playback stored

4 Storage

4.1 Depending on storage of smart devices

4.2 PNG format with Android App; JPG format with Windows App.

5 Connectivity:

5.1 Export studies via USB -C or DICOM3.0 (only Windows)

5.2 Display images through HDMI Port with transfer accessory

5.3 With Type-C connector for charging and data transfer

6 App Specification

B Mode

6.1 Depth: 1.5-15.2

6.2 Gain: 0-100

6.3 Freq: Rectal linear probe 6.0-11.0MHz/Rectal convex probe 2.0-5.0MHz

6.4 Focus pos: 0-12

6.5 DR: 30-120

6.6 FrameCorre: 0-7 level

6.7 TSI: General, Muscle, Fat, Fluid

6.8 Enhance: 0-4 level

6.9 Gray map: 1-18

6.10 A. Power: 10-100

6.11QBeam: On/Off

6.12 Expand: On/Off

6.13 L/R Flip: On/Off

6.14 U/D Flip: On/Off

6.15 THI Gain: 0-100

6.16 THI FrameCorre: 0-7level

M Mode

6.17 M Gain: 0-100

6.18 M Speed: 1-3

6.19 M DR: 30-120

6.20 M Gray: 1-18 level

6.21 Depth: 1.5-15.2

6.22 Gain: 0-100

6.23 Freq: Rectal linear probe 6.0-11.0MHz/Rectal convex probe 2.0-5.0MHz

6.24 Focus pos: 0-12

6.25 DR: 30-120

6.26 FrameCorre: 0-7 level

6.27 TSI: General, Muscle, Fat, Fluid

6.28 Enhance: 0-4 level

6.29 Gray map: 1-18

6.30 A. Power: 10-100

6.31 QBeam: On/Off

6.32 Expand: On/Off

6.33 L/R Flip: On/Off

6.34 U/D Flip: On/Off

6.35 THI Gain: 0-100

6.36 THI FrameCorre: 0-7level

7 Probe Specification

7.1 Probe Type: Rectal linear probe /Rectal convex probe

7.2 probe frequency: wide frequency frequency conversion probe, two-dimensional, harmonic

7.3 Rectal linear probe: 6.0-11.0MHz

7.4 Rectal convex probe: 2.5-5.0MHz

8 Product configuration

8.1 Standard configuration:

Wireless ultrasound system with rectal linear probe/ Wireless ultrasound system with rectal convex probe

Belt

APP software

Built-in rechargeable battery

USB line

Adaptor

User manual

Carrying case

8.2 Optional accessories:

8 inch tablet with USB line, adapter, protect cover (wrist mount included) and should straps

7 inch tablet with USB line, adapter, protect cover, wrist mount and chest mount.

9.6 inch with USB line, adapter and protect cover

Tablet sunshade

Goggles with USB line, adapter, controller, power bank and waist bag for power bank

Wireless charger

Car charger

Carrying bag

Introducer for rectal linear probe

Introducer for rectal convex probe

9 Technical support, Repairing, Training and Others

9.1 In main city, local spear parts warehouse and local engineer supporting installment, commissioning and maintenance.

9.2 Professional on site operation and training

10 Other business terms:

10.1 The manufacturer of the product with the international environmental certification