

SonoEye P5

Datasheet

V1.0



General Information

Dimensions

- Dimensions of main unit (approx.): 64mm (Width) *172mm (Length) *24mm (Height)

Electrical Power

- Power Requirements: DC 5V,
- Power Consumption: ≤10VA

System Overview

Applications

- ABD
- Kidney
- OB
- GYN
- Lung

Scanning Method

- Electronic convex array

Transducer Types

- SonoEye P5 3.0MHz- 5.0MHz Convex Array

Image Modes

- B Mode
- B/M Mode
- C Mode
- PW Mode

Display Mode

- Duplex mode: B+C, B/M

Display Annotation

- Logo
- Mechanical index
- Tissue thermal index
- End
- Menu
- Probe Selection
- Probe connection status
- Patient ID
- System status (real-time or frozen)
- Gray/Color bar
- Measurement results window
- Probe type
- Bottom menu area
- Imaging parameters

Standard Configuration

- B mode
- B/M mode
- C mode
- PW mode
- Archive
- EasyView
- Report
- Tutorials

Software Options

- Lung Analysis

Hardware Option

- BA01: Arm bag
- BA02: Belt bag(Including 2 bags, one for SonoEye system and another for mobile phone.)
- BA03: Messenger bag
- CS01: Carrying case
- CS02: Carrying metal case

- CS03: Carrying case for 2 systems
- SD01: Stand for Pad
- CV01: Sterile probe cover
- GL01: Sterile ultrasound gel

Imaging Processing and Presentation

B Mode

- Gain:0-255(256 steps)
- TGC : 8 segments
- Depth: Max.19.5cm(Depends on the probes)
- Freq.: 3.0MHz- 5.0MHz
- Focus Number :1
- Focus Position : 16 steps
- Zoom
- FHI

Color Mode

- Gain: 0-255 (256 steps)
- Freq.: 3.0MHz

PW Mode

- Gain:0-255 (256 steps)
- Angle: -70-70
- Baseline: -3-3 (7 steps)
- SV:1-8mm
- Freq.: 3.0MHz

B/M Mode

- Gain:0-255 (256 steps)
- MV:1-4

Cineloop

- Support B, B/M, C, PW

- Cineloop auto/manual
- User-define start and end frame of cine review
- Slide show: slide show function

Storage

- Still images storage format: PNG
- Still images export format: PNG
- Cine loops storage format: MP4
- Cine loops export format: MP4
- Fast storage setting

EasyView

- Image review Layout: 1×1, 2×2, 3×3, 4×4, 6×6
- Image management

Exam Review

- Search Exam
- Exam review: patient view
- Exam management
 - Delete selected exam
 - Export selected exam
 - Selected all
 - Review selected Exam
 - Continue selected Exam

Measurement & Calculation

- **General Measurement Package**
 - Software packages for various specific clinical use
 - Comprehensive analysis methods
 - Clinical analysis reports
- **General measurement package**
- General B mode measurement
 - Distance
 - Area
 - Volume
- General B/ M mode measurement
 - M Distance
 - M Time
 - HR
- General PW mode measurement
 - Velocity
 - Time
 - Auto Trace

Clinical Analysis Packages

- B mode Vessel measurement
 - StD%
 - StA%
- PW mode Vessel measurement
 - Acceleration
 - Auto Trace
- B mode Abdomen measurement
 - CBD
 - GB Wall
 - Liver Length
 - Spleen
 - Renal Vol.
 - GB Volume
- B mode OB measurement
 - BPD
 - FL
 - AC

- HC
- CRL
- GS
- AFI
- B mode Cardiac measurement
 - IVC
 - LVOT
 - Mitral Value
 - Other

System Setup

By using system setup, users could

- **Archives**
- **EasyView**
- **Report**
- **Setting**
 - General
 - Language
 - Button Configuration
 - Administrator
 - Fireware Update
 - Function Management
- **Tutorials**
- **Demo**
- **About**

Multi-language Display Interface

- English
- Chinese
- Deutsch
- For others in detail, please contract with CHISON.

Inputs & Outputs

- Type C: 1

Operating Conditions

- Ambient temperature: 10°C to 38°C
- Relative humidity: 30% to 75%
- Atmospheric pressure: 700 hPa to 1060 hPa

Storage and Transport

- Ambient temperature: -10°C to 50°C
- Relative humidity: ≤80% (non-condensing)
- Atmospheric pressure: 700 hPa to 1060 hPa

Not all features or specifications described in this document may be available in all probes and/or modes.

CHISON Medical Technologies Co., Ltd. reserves the right to make changes in specifications and features shown here in, or discontinues the product at any time without notice or obligation. For the most current information, contact CHISON Representative.