

FULL DIGITAL B/W ULTRASOUND · PORTABLE · 12" LCD 75° · 2 PROBE CONNECTORS · LI BATTERY ·
CE / ISO 13485

PCB-VIEW-05



ABOUT THE PCB-VIEW-05

Hospital-grade ultrasound imaging in a portable footprint.

The **PCB-VIEW-05 Full Digital B/W Ultrasound** brings hospital-level imaging quality to primary care, outpatient clinics, ambulatory surgery centers and bedside use. Built on exclusive double-waveform imaging technology and shipped with a **3C50A convex transducer**, a **built-in lithium battery** and a full I/O suite (USB, Video, VGA, Equipotential, Printer), it is field-ready out of the box.

A **12" high-definition LCD monitor** with 75° maximum adjustable angle sits above a backlit keyboard and an all-round adjusting knob, delivering efficient, fast and ergonomic operation in any environment. Imaging modes include **B, 2B/4B, M, B/M and PW Doppler** with full-screen spectrum, biopsy guidance, OB and PW modules and a comprehensive measurement software package (General, OB&GYN, Cardiac).

Weighing only **6.2 kg** with **raw data storage for offline reporting** and **one-click automatic parameter reset**, the PCB-VIEW-05 is a true portable system that scales from solo clinics to teaching hospitals. The unit ships with a **2-year warranty** from the ex-factory date.

SPECIFICATIONS

Built for portable diagnostic imaging.

MODEL

PCB-VIEW-05

TYPE

**Full Digital B/W Ultrasound ·
Portable**

IMAGING TECHNOLOGY

**Exclusive double-waveform
imaging**

DISPLAY

**12" HD LCD · 75° max adjustable
angle**

WEIGHT

6.2 kg (light-weight)

PROBE CONNECTORS

**2 activated transducer
connectors + 2 holders**

STANDARD TRANSDUCER

3C50A Convex (included)

IMAGING MODES

**B · 2B/4B · M · B/M · PW (Doppler
with spectrum)**

IMAGE ENHANCEMENT

THI · TSI

BUNDLED MODULES

OB module + PW module

AUTO FEATURES

**One-click parameter reset ·
Auto-freeze**

BIOPSY

Biopsy function supported

MAGNIFICATION

**Image magnification + full
screen**

MEASUREMENT

**General · OB&GYN · Cardiac
packages**

SPECTRUM DISPLAY

PW full screen spectrum

CONTROLS

**Backlit keyboard · all-round
adjusting knob**

INTERFACES

**2 USB · Video · VGA ·
Equipotential · Printer**

STORAGE

**Raw data storage for offline
report + parameter adjustment**

REPORTS

**Auto-generation BMP · USB
import/export**

PC READING

**No special software required
for PC reading or printing**

BATTERY

**Built-in Lithium battery
(standard)**

WARRANTY

2 years from ex-factory date

CERTIFICATIONS

CE · ISO 13485

KEY FEATURES

Engineered for everyday diagnostic confidence.

DOUBLE-WAVEFORM IMAGING

Exclusive double-waveform imaging technology delivers crisp, consistent B-mode resolution. THI and TSI enhancement refine tissue detail and Doppler sensitivity across abdomen, vascular, OB/GYN, urology, cardiac, small parts and MSK studies.

PW DOPPLER WITH FULL-SCREEN SPECTRUM

Pulsed-wave Doppler with full-screen spectrum display for vascular and cardiac flow assessment. **OB and PW modules are bundled** with the standard unit — ready for routine OB exams from day one.

6.2 KG · BATTERY-READY OUT OF THE BOX

At just 6.2 kg with a **built-in lithium battery as standard equipment**, the PCB-VIEW-05 moves between rooms, floors and outreach campaigns — no separate battery purchase required.

RAW DATA + ONE-CLICK RESET

Raw data storage lets you adjust parameters and regenerate reports offline after the exam. **One-click automatic parameter reset** returns the unit to baseline between patients — faster, more consistent workflow.

TRANSDUCERS

Configure the probe set for your clinical mix.

3C50A CONVEX (STANDARD)

General-purpose convex transducer included with every PCB-VIEW-05. Covers abdomen, OB, gynecology, urology and general scanning.

7L40A LINEAR (OPTIONAL)

Linear-array transducer for vascular (carotid, peripheral), small parts (thyroid, breast, testis), MSK and superficial structures.

6E10A TRANSVAGINAL (OPTIONAL)

Endocavity transducer for transvaginal OB/GYN exams — early-pregnancy assessment, gynecology, IVF follicle monitoring.

6C15A MICROCONVEX (OPTIONAL)

Microconvex transducer for pediatric / neonatal abdomen, cardiac and superficial scanning where a small footprint is required.

OPTIONAL ACCESSORIES

Build the workflow you need.



CUSTOMIZED TROLLEY

Mobile trolley holds the scanner at ergonomic working height and provides storage for gel, probes and accessories.

CARRYING BAG

Padded carrying bag for outreach campaigns, in-home visits and inter-site transport. Protects the unit and all standard accessories during transit.

VIDEO PRINTER (SONY-UP-X898MD)

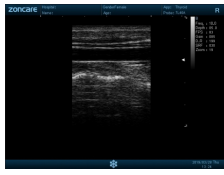
High-resolution thermal video printer for on-the-spot image printing of clinical-grade B-mode and Doppler captures.

B/W LASER PRINTER (HP-1108)

Laser printer for full-page B/W exam reports generated by the PCB-VIEW-05 reporting software.

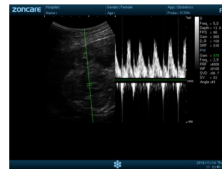
IMAGE GALLERY

Sample scans across specialties.



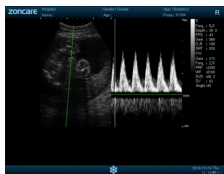
CAROTID (CCA) · PW DOPPLER

Pulsed-wave Doppler spectrum of the common carotid artery — demonstrates the unit's vascular capability with a linear transducer (7L40A).



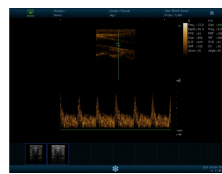
PORTAL VEIN · PW

Portal venous flow with PW Doppler tracing — classic hepatic and abdominal vascular assessment with the standard 3C50A convex.



PALMAR VESSELS · PW

Superficial palmar vessels imaged with PW Doppler — small-parts and MSK use case (linear transducer).



LIVER-KIDNEY · B-MODE

Right upper quadrant B-mode of the liver-kidney interface — classic primary-care abdominal view with the standard convex.

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