

Wireless ultrasound diagnostics.

The quick-change artist
with and without
interchangeable
transducers ensuring
top performance.



WiPRO Flex

WiPRO Flex is a smart midget version that takes the echography principle to a new dimension of device diversity and performance.

The WiPRO Flex range of devices is used in all medical application areas of ultrasound diagnostics: General medicine, orthopaedics, trauma surgery, sports medicine, urology, gynaecology, intensive care medicine, cardiology, anaesthesia, emergency ambulances, veterinary medicine.



Figure 1: Q7 Wireless



Figure 2: Q7 Flex



Figure 3: D8 Wireless



Figure 4: D8 Flex

HOW IT WORKS

WiPRO D8 Wireless and WiPRO Q7 Wireless are revolutionary, high-efficiency ultrasound scanners without a monitor. The components of a traditional ultrasound are built into the scanner using state-of-the-art circuit board technology and the ultrasound image is transmitted through a smartphone/tablet PC/monitor via WiFi. The wireless APP connection is available for any commercially available software.

The WiPRO D8 Flex and Q7 Flex with removable interchangeable transducers are unique and patented units. With an ultrasonic base, a wide variety of sound ranges can be operated at once. With a simple click system, the transducer can be replaced by another one.

ADVANTAGES

- Extremely low energy consumption (3W at the most)
- Wireless, battery-powered operation
- Waterproof design for sterilisation
- Convenient remote diagnostics and easy image transmission
- Best imaging with minimum start-up time
- Cost efficiency by means of alternating transducer system

TECHNICAL SPECIFICATIONS

- 10x zoom
- Connection type: WiFi, USB
- Connection to: Tablet, smartphone, PC via Android/iOS/Windows software
- Multilingual user guidance
- DICOM image storage
- Scan duration: 8 hrs. (D8) / 4 hrs. (Q7)
- Extra-lightweight design: 220 g (D8) / 160 g (Q7)



Figure 5: D8 – Scan time up to 8h.



Figure 6: D8 – Interchangeable probes



Figure 7: Q7 – Lightweight with 160g



Figure 8: Q7 – Premium - Imaging

MODELS

The WiPRO Flex models D8/ D8 Flex and Q7/Q7 Flex offer an extremely wide and flexible range. The designs are tailored to specific, individual user requirements.

THE TRANSDUCER VARIANTS

of D8 Wireless and D8 Flex and Q7 Wireless and Q7 Flex:

CONVEX

Low frequency (3,5 Mhz/radius R60) for:

- Abdomen, Lung, Gynaecology, Obstetrics, Urology

MICRO CONVEX

Low frequency (6,5 Mhz radius / R15) for:

- Neonatal abdominal and cardiac examinations

LINEAR

Medium frequency (7,5 Mhz / radius L40) for:

- Nerve, Anaesthesia, Vascular, Breast, Musculoskeletal

LINEAR-MINI

High frequency (8,0 Mhz / radius L25) for:

- Nerve, Anaesthesia, Vascular, Breast, Kidney, Musculoskeletal

CONVEX SECTOR

Combined sector low frequency for:

- Cardiac examinations in phased array mode

VAGINAL

Sector low frequency for:

- Endosonary application in gynaecology, urology, obstetrics, pelvis



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