



**SONOSCANNER**  
Premium Diagnostic Ultrasound



**ALLYTEC**

# *T-Lite*

HD HandHeld Ultrasound Scanner



# T-Lite: a pocket-sized ultrasonic unit

T-Lite allows each health practitioner to have an advanced diagnostic tool, ready at any time, to go further than a simple palpation.

T-Lite is the only Ultrasound Scanner to present a complete range of transducers with the connector located at the probe side. This way, transducers can be carried easily and quickly connected.

Simply attach the transducer to the T-Lite, the system will then auto-recognize the type of transducer being used and will therefore select the appropriate presets.

## *The force of our diagnostics:*

All Doppler modes

Electronic multi-frequency probes, with high element density transducers.

All the biometrics

## *Real-Time Comfort:*

Maximum automation for specific applications (automatic settings, automatic measures) High-definition screen display

Thermal-paper print-outs

# System Specification

- Display: High Resolution 10.1" LED monitor
- Weight: 1kg
- Dimensions: 253 x 174 x 19 mm
- Rechargeable Battery. Autonomy: >3h on back to back scanning
- Fastest Boot Up and Response Time
- Storage Capacity:>40 000images
- 1 USB
- WiFi, Bluetooth
- HDMI Output to External HD Display
- Light dedicated cart for high mobility
- DICOM

## **IMAGING MODE**

- B Mode (2D)
- M Mode
- Pulsed Wave Doppler
- Color Doppler
- Color Power Doppler
- Duplex Mode
- Tissue Harmonic Imaging
- Trapezoidal Imaging
- Compound Imaging
- Tissue Doppler



# T-Lite Transducers

## Premium Probes



Linear Array Full HD 5cm  
High frequency

6-18 MHz

Small Parts, Vascular, Anesthesia



Convex Array HD  
single crystal

1,5-6 MHz

Abdominal, Obstetrics, Gynecology,  
anesthesia, Vascular, Emergency

## Advanced Probes



Linear Array HD  
Very high frequency

10-18 MHz

Small parts, Vascular  
Anesthesia, MSK, Sport Medicine,  
Pediatrics



Convex Array HD

2-5 MHz

Abdominal, Obstetrics, Gynecology,  
Anesthesia, Vascular, Emergency

## Access Probes



Linear Array  
high frequency

5-12,5 MHz

Small parts, Vascular  
Anesthesia, MSK, Sport Medicine,  
Pediatrics



Convex Array

2-5 MHz

Abdominal, Obstetrics,  
Gynecology, Anesthesia, Vascular,  
Emergency

## Speciality Probes



Endocavitary Array  
4-9 MHz



Hockey stick Array  
10-18 MHz



Phased Array Probe 1,5-5  
MHz



Micro Convex Array  
4-9 MHz



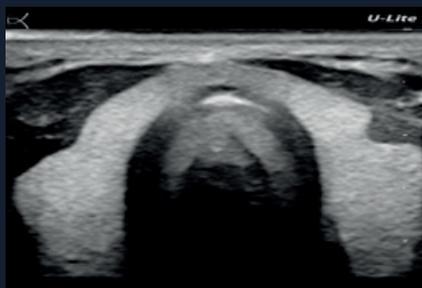
Convex Array High frequency  
4-10 MHz

# VERSATILITY AND SUPERIOR IMAGE QUALITY

## High-end Advanced features:

With T-Lite you will benefit from the newest digital technology.

T-Lite is the only HD Handheld Ultrasound Scanner. Thanks to its 12 bits digitalization, T-Lite offers unique Grey Scale rendering. Thanks to this detailed information, tissue recognition is simpler than ever.



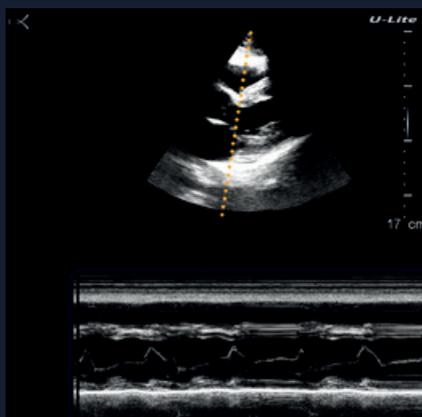
Thyroid



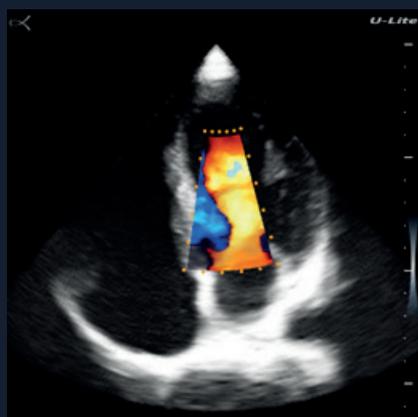
Median nerve



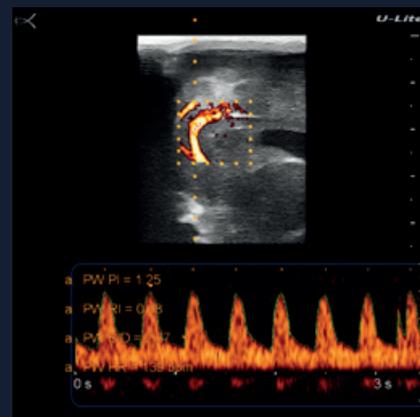
Muscle and tendon



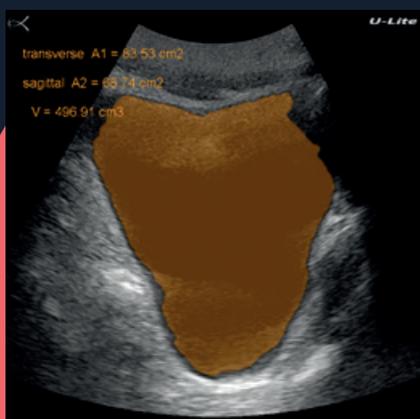
M-Mode



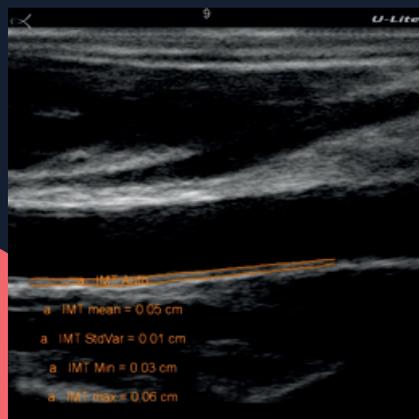
Heart Color Doppler



Fetal Head PW



Auto Bladder Volume



Auto IMT



Auto Flow Calculation