



The Smallest Mobile Telemedicine Solution on the Market

The **Medweb Hand-held Telemedicine Kit (HTK)** is a deployable kit of fully customized and integrated suite of digital medical devices needed to conduct first-line patient exams. This 21st century doctor's bag allows professionals working in the field to capture, store and transmit encrypted and high-quality patient data and images over a tablet or laptop with Medweb Collage™ software via Medweb's EMR Gateway, to any EMR, PACS or Medweb Cloud. The HTK devices transmit data via USB, 3G/4G or WiFi where available. The HTK is the most lightweight and deployable telemedicine solution on the market.





Contact us at sales@medweb.com to schedule a personalized demo of Medweb HTK and also ask how it fully integrates with Medweb Collage™ for real time communication and store and forward e-Health in a single mobile application. Combine the HTK with Collage to stream medical data while having synchronous video or audio consults, and also benefit from the Collage™ EMR Gateway to integrate into any EMR for both imaging and reports.

KEY BENEFITS

Grow your Practice / Maximize Time & Resources

- Reach patients in remote and rural environments with your new mobile practice
- Nurses, community workers or general physicians conducting patient consults in the field can quickly consult with specialists anywhere around the world.
- A must-have tool for first responders (EMTs, firefighters & police officers) mining and oil workers, school nurses, and facilities such as prisons, cruise ships and rural clinics.
- Reduce the amount of emergency ambulatory trips needed for injured workers to reach a medical facility and receive diagnosis.

Facilitate and Speed up Triage

- Expedite urgent cases and clear out busy waiting rooms of non-emergencies.
- Limit costly ambulatory trips for injured workers needing emergency medical consult.

Improve the Quality of Service

- Eliminate the need for your patients to travel; reducing cost and inconvenience of travel, wait times, risk of injury and exposure to infection
- Improve the speed and convenience of patient care, while preserving the privacy and security of medical information.

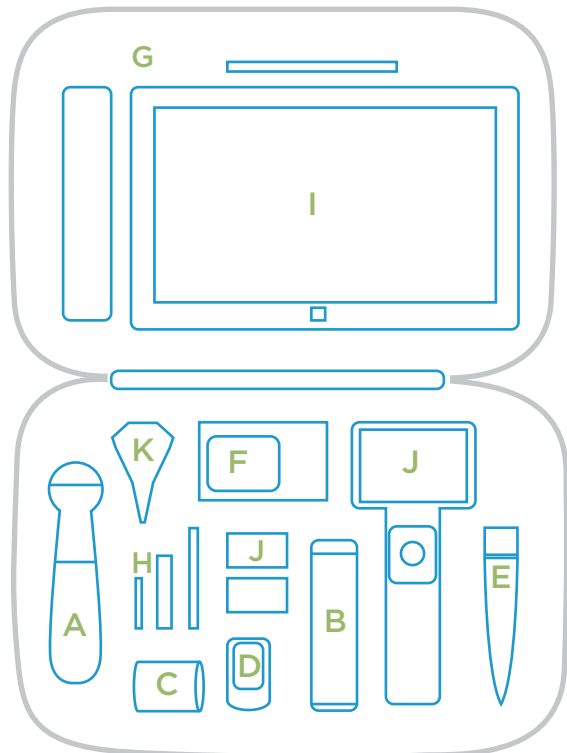
Medweb Hand-held Telemedicine Kit



FEATURES

- Packaged in a lightweight 11x15in shoulder-carrying bag, protected by robust waterproof fabric.
- All devices in the HTK have at least a two-megapixel imaging capability and make use of the latest advances in optics, LED light sources, digital displays, wireless data transfer, and high-resolution imaging.
- An optional additional lithium battery pack and solar panel provides up to seven days of regular usage without a separate power source.
- Integrates with Medweb's SmartConsult (Store-and-Forward) image and workflow management suites.
- Conveniently streams data from a laptop to other computers or mobile devices (Android or iOS) for viewing
- Aligns with Medweb Collage™ software for seamless integration with Medweb's EMR Gateway, allowing for integration into any EMR for imaging and reports.

- A Abdominal Ultrasound
- B Eye-Fundus Scope
- C Episcope
- D Bluetooth Pulse Oximeter
- E Ultrasound Gel
- F Digital EKG
- G Bluetooth Stethoscope
- H Camera Direct wifi SD card
- I Tablet
- J Multi-Scope
- K Otoscope



Medweb Hand-held Telemedicine Kit

Medweb HTK Specifications

Multi-Scope Exam Camera Specification

Resolution	1920 x 1080 pixels
Light Source	Neutral White Light Emitting Diode (LED)
LCD Monitor	3.5" Full Color TFT-LCD
Image Format	JPEG (Photograph) and H.264 (Video)
Interaction Port	Mini USB, Phone Jack Port
Media Type	Micro SD Memory Card, 2GB.
Power Source	Rechargeable Lithium Battery 3.7V / 2600mAh
Power Source:	00~240 VAC, 50/60 Hz
Operating time	3 hours at 2.5 Watt condition
Charging time	5 hours

Attachment

Digital Otoscope
Digital Episcopes
General Exam Camera
GramsFundus Scope

Focusing Range

5~30 mm
10 mm diameters
80 degrees (Diagonal)
5~30 mm

Dimension

9× 9 ×19 cm3
8×9×19 cm3
8.5 × 5 ×19 cm3

Weight

325 Grams
370 Grams
310
12 Oz

Hand-held USB Ultrasound Probe

Small Parts Ultrasound	3.5 to 5.0 MHz
Center Frequency:	5.0 MHz
Pulse Frequency:	5.0 MHz and 3.5 MHz
Scan Angle:	90 degrees
Focal Point:	6 cm
Scan Depth:	20 cm
Clinical applications:	Superficial organs such as thyroid, neck.

Abdominal Ultrasound 3.5 MHz

Center Frequency:	3.5 MHz
Pulse Frequency:	3.5 and 5.0 MHz
Scan Angle:	90 degrees
Focal Point:	7.5 cm
Scan Depth (Max):	20 cm
Clinical Applications:	Abdomen, Uterus, Bladder, FAST exam

12 Lead Bluetooth EKG

Acquisition module type:	Digital
Channels:	User-selectable 3-channel VCG or 12 Lead ECG
Patient cable:	10-wire (12-Ch) Banana
Resolution:	12 bit resolution with 5000 Hz over-sampling per
Power source:	Two "AA" alkaline or Lithium battery
Common mode rejection:	60 db minimum, 1 volt peak-to-peak, 60 Hz common mode signa
Frequency response:	.05 to 125 Hz (-3 db)
Display:	Monochrome 2.4" LCD
Pacemaker detection:	Concurrent pacemaker detection on all channels
Defibrillator protection:	All ch
Compliant with Bluetooth:	V1.1, V1.2 & V2.0.
Supporting profiles:	Networking, Dial-up, Fax, LAN access, and Headset.
Operating systems:	Windows XP & Vista.
Interfaces:	Compliant with USB 1.1 & 2.0.
Data transmission rate:	3Mbps.
Working distance:	5-10m.
FCC approval:	FCC ID - WQ7I-BTD-04

Pulse Ox

Oxygen Saturation Display Range:	0 – 100% SpO ₂
Pulse Rate Display Range:	18 to 321 beats per minute (BPM)
Oxygen Saturation Declared Accuracy Range:	(Arms *) 70 – 100% SpO ₂ ±2 digits
Low Perfusion Oxygen:	Saturation Declared
Accuracy Range:	(Arms *) 70 – 100% SpO ₂ ±2 digits
Pulse Rate Declared Accuracy Range:	(Arms *) 20 – 250 BPM ±3 digits
Low Perfusion Pulse Rate:	Declared Accuracy
Range:	(Arms *) 40 – 240 ±3 digits
Measurement:	Wavelengths and Output Power
Red:	660 nanometers @ 0.8 mw maximum
Infrared:	910 nanometers @ 1.2 mw maximum

Camera Direct - Wi-Fi Card/USB wireless dongle

Wi-Fi Security:	Static WEP 64/128, WPA-PSK, WPA2-PSK
Typical Range:	90 feet outdoors and 45 feet indoors
Storage Capacity:	2.0GB, 4.0GB and 8.0GB (1GB is defined as 10 ⁹ Bytes)
Card Dimensions:	SD standard 32mm x 24mm x 2.1mm
Card Weight:	0.1oz
*5 GHz band not supported	

Medweb