Leading hospitals, clinics and physicians trust the GE Healthcare Achilles to help provide better care to more patients.
Achilles InSight specifications (nominal)

Applications and features:
- Optional accessories:
  - Travel cart
  - Hard and soft travel case
- Consumables:
  - Thermal paper
  - Membranes
  - Steam distilled water
- On-board patient db:
  - 300 patients

Reference populations:

<table>
<thead>
<tr>
<th>Reference populations</th>
<th>AF</th>
<th>AM</th>
<th>PF</th>
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AF-adult female, AM-adult male, PF-pediatric female, PM-pediatric male

About GE Healthcare:

GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solutions services help our customers to deliver better care to more people around the world at a lower cost. In addition, we partner with healthcare leaders, striving to leverage the global policy change necessary to implement a successful shift to sustainable healthcare systems.

Our ‘healthymagination’ vision for the future invites the world to join us on our journey as we continuously develop innovations focused on reducing costs, increasing access and improving quality around the world. Headquartered in the United Kingdom, GE Healthcare is a unit of General Electric Company (NYSE: GE). Worldwide, GE Healthcare employees are committed to serving healthcare professionals and their patients in more than 100 countries. For more information about GE Healthcare, visit our website at www.gehealthcare.com.

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GE Medical Systems Ultrasound & Primary Care Diagnostics, LLC, a General Electric company, doing business as GE Healthcare

Lunar Product Division:
- Americas
  - GE Healthcare Lunar Global Headquarters
  - PO Box 7550
  - Madison, WI 53707-7550
  - T: +1-800-535-7339
  - F: +1-608-223-2482
- Europe, Middle-East & Africa
  - GE Healthcare Lunar
  - Kouterveldstraat 20
  - B-1831 Diegem, Belgium
  - T: +32-2-7197217
  - F: +32-2-7197359
  - info.lunar@ge.com
- Asia & Pacific
  - GE Healthcare Lunar
  - SFP GE China Technology Park
  - No. 1 Hua Tuo Road
  - Shanghai 201203, China
  - T: +86-21-38777888 (Ext. 60128 or 60480)
  - F: +86-21-38777451

Specifications:

- Dimensions: 281mm x 305mm x 560mm
- Weight: 11.5kg (25.4lbs)
- Display: 5.5” Color LCD VGA (320 x 240) Tilts and inverts for optimal viewing
- Printer: Internal 58mm thermal printer with graphical output
- Transducers: Quarter wave-matched broadband coaxial element (25 mm/85mm circular) Center frequency = 0.5 MHz Multiple element reception

Output power of ultrasound: p- < 1 MPa

Coupling System: SmartDry with 70% isopropyl or ethanol fluid-coupled, through-transmission ultrasound

Heated coupling fluid 33°C (92°F) Replaceable membranes (biocompatible)

Pressure: < 1 psi

Analysis:
- Real-time, point-by-point analog/digital conversion
- Smart detection algorithm, discrete fourier transform
- Simultaneous stiffness/SOS/BUA determination
- Automatic signal strength compensation

Results:
- Stiffness index with WHO classification
- T-score with % young adult
- Z-score with % age-matched SOS/BUA

In Vivo precision and accuracy: <2.0% CV in osteoporotic person between 15 and 33°C

Measurement time: 15 seconds

Voltage: 100-240V AC @50/60 Hz

Power consumption:
- Standby: 25W
- 650 VA without peripherals

THD (Total Harmonic distortion): < 5% per IEEE 519-1992 standard for power quality and total harmonic distortion

Operating ambient:
- Temperature: 15°C - 33°C
- Humidity: 20-80%RH Non-condensed

Noise Level: ≤ 65 dB

Storage/transport ambient:
- Temperature: -20°C - 70°C
- Humidity: 30-95%RH Non-condensed

Shock (no operation): ≤ 1G for more than 1ms

Vibration (no operation): 0.25G at 5Hz

Static:
- Static-free environment

Dust, fumes, and debris: Clean, well ventilated environment, free from dust, smoke, and other airborne contaminants

External cleaning agents: 70% alcohol

Imagination at work

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