

*A revolution in how you see your patients* ●

*Introducing the Signos® Personal Diagnostic Assistant*



**signos**





### Pocket-sized and personal

The Signos® Personal Diagnostic Assistant is the world's smallest and most affordable ultrasound system. This unique palm-sized device weighs only 11 ounces (320 grams) and is ideal for diagnosis at the point of care.

Signos makes ultrasound technology so easy to use that most clinicians learn to acquire quality images in less than an hour—and it is small enough to carry in your pocket or wear like a stethoscope.

## Designed to make waves in your practice

### Instant insight—on site

Access to instant ultrasound could result in improved diagnostic accuracy, reduced time to treatment, and increased profitability. Signos is approved for patients of all ages and for a broad range of musculoskeletal, abdominal and limited cardiovascular uses, as well as certain obstetric applications. Some popular uses include:

- Post-void residual exams
- Screening for abdominal aortic aneurysm (AAA)
- Localization of free fluid
- Biofeedback of muscle activity
- Gross abdominal assessment



Gallbladder with Calculus

“Diagnostic imaging—the most common and most needed procedures of which are X-ray and ultrasound examinations—plays a critical role in surveillance, prevention, and diagnosis of disease as well as in monitoring treatment.”

### Innovative and simply indispensable

Multiple features make Signos an invaluable tool for everyday use. Volume measurements, customized patient data, voice annotation, and multiple transducer frequencies help to improve record-keeping, staff communication, and the quality of patient care.

Convenient access ports for USB, power, and other functions, including voice annotation and printing. 2 GB microSD™ data card (included) stores up to 10,000 images.

Easy-to-use twist-on 3.5 MHz or 7.5 MHz transducers for clear imaging at different tissue depths and densities, increasing the number of procedures possible.

SigViewer™ software is included, allowing fast, easy uploading of data and images for reports, archiving, printing, or e-mail. PC and Macintosh compatible.

High-resolution touch-screen display shows accurate images and facilitates a range of applications. Onscreen keyboard for fast, easy clinical annotations and measurements.

“80%-90% of diagnostic problems can easily be solved using ‘basic’ X-ray and/or ultrasound examinations.”

### See more. Do more.

A unique combination of affordability, adaptability, and accessibility enables Signos to improve diagnostic accuracy and patient satisfaction, while saving you time and money. Comprehensive training and clinical support are on hand to help you make the most of Signos in your practice.

Learn more about the Signos® Personal Diagnostic Assistant. Schedule a free online demonstration at [www.signosticsmedical.com](http://www.signosticsmedical.com).



## A revolution improving the quality of care at the point of care

The Signos® Personal Diagnostic Assistant is the world's smallest ultrasound device, answering the need for accurate, affordable, accessible diagnostic technology.

- High-resolution visualization of acute pathology
- Touch-screen display with text and voice annotation
- Stores up to 10,000 images
- Instant power on and long-lasting battery
- Comprehensive training and clinical support

**Reference 1** World Health Organization. *Essential Diagnostic Imaging*. Department of Essential Health Technologies. Available at: [http://www.who.int/diagnostic\\_imaging/en/](http://www.who.int/diagnostic_imaging/en/). Accessed November 28, 2009.



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## Specifications

Weight	<ul style="list-style-type: none"><li>• 11.2 ounces (320 grams)</li></ul>
Dimensions	<ul style="list-style-type: none"><li>• Display unit: 4.5" H x 2.7" W x 0.8" D</li><li>• Display screen: 2.7" hi-res color LCD</li><li>• Probe: 6.3" L x 2" W x 0.9" D</li><li>• Connecting cable: 33.5" L</li></ul>
Transducers	<ul style="list-style-type: none"><li>• 3.5 MHz single crystal</li><li>• 7.5 MHz single crystal</li></ul>
User interface	<ul style="list-style-type: none"><li>• Touch screen and scroll wheel</li><li>• Onscreen alphanumeric keyboard</li><li>• Text and voice annotation</li><li>• Optional password protection</li></ul>
Measurement tools	<ul style="list-style-type: none"><li>• 4 sets linear distance calipers</li><li>• Ellipse &amp; polygon area/circumference</li><li>• Volume measurement</li><li>• M-mode time</li><li>• Beats-per-minute (BPM)</li></ul>
Image storage	<ul style="list-style-type: none"><li>• 2 GB microSD™ data card (included)</li><li>• Urgent Mode internal memory</li><li>• USB connection for downloads</li></ul>
Software	<ul style="list-style-type: none"><li>• SigViewer™ software (included)</li><li>• Synchronizes images/data</li><li>• Search and manage database</li><li>• Automatic updates</li></ul>
Battery	<ul style="list-style-type: none"><li>• 100% charge in 3 hours (75% charge in 1.5 hours)</li><li>• Lasts up to 12 hours (based on four 1-minute scans/hour)</li><li>• Over 60 minutes of continuous scanning</li></ul>