



Changing your idea of clinical performance

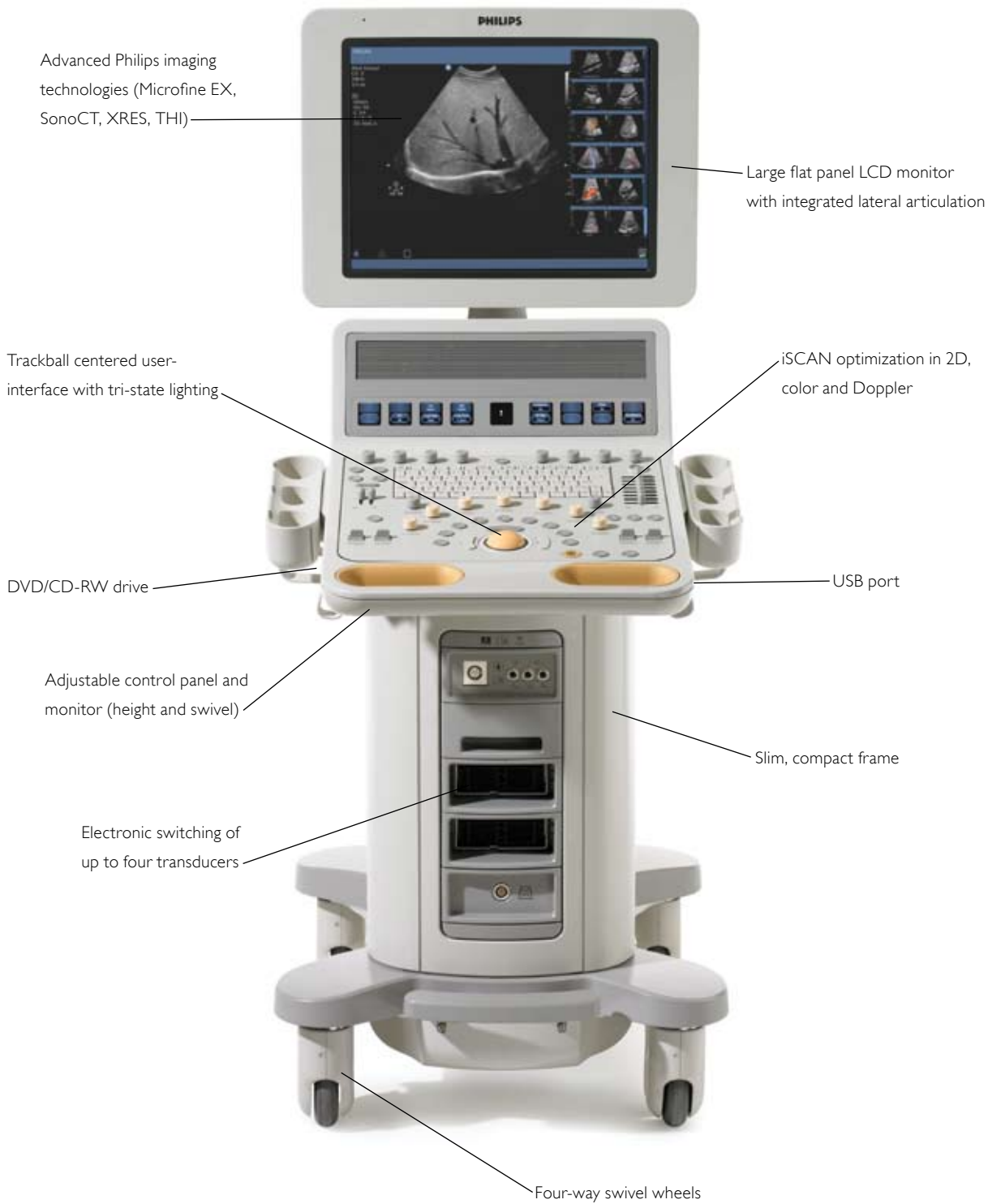
Philips HD15 ultrasound system

PHILIPS

Introducing the clinically-advanced Philips HD15 system

Ultrasound scanning is a growing part of many busy practices and systems that are versatile and easy to use are essential. Now you can have an ultrasound system with the clinical performance that balances your need to efficiently address a large daily patient load with the ability to access powerful diagnostic capabilities and perform difficult in-depth clinical evaluations with ease and confidence.

Introducing the Philips HD15 ultrasound system, the superb imaging and performance you've always wanted, but, until now, could only get on premium-class systems. Loaded with a host of must-have usability features, versatile capabilities and spectacular image quality, the HD15 redefines value by giving you the performance and efficiencies you need for more of your everyday exams and the diagnostic confidence for the most demanding clinical challenges, all in one system.



Finally, the image quality and the usability you

We created HD15 to make your ultrasound exams easier and faster, while delivering a whole new level of clarity and diagnostic certainty, especially on more technically challenging patients and pathologies. HD15 is a new platform, designed for exceptional image quality, with a revolutionary architecture, Microfine EX focusing, and premium capabilities migrated from our industry-leading systems. HD15 is born of the experience of Philips engineers responsible for some of the world's most renowned ultrasound systems and transducers—and you and your patients are the beneficiaries.

Sophisticated technologies. Simple to use.

Philips technologies are so sophisticated, they're simple. They are seamlessly combined in the HD15 to give you a robust system.

For superb image sharpness and uniformity, **Microfine EX focusing** provides dynamic receive lens tuning with 5X more focal points than previous generation systems.

For images with less noise and artifacts, **SonoCT** is true real-time compound imaging that merges up to nine lines of sight to create one amazing image with better clarity of curved and irregular borders.

For extraordinary clarity and edge definition, advanced **XRES** adaptive image processing uses proprietary algorithms originally developed for Philips MR to

display images that are virtually free from noise, without reducing frame rates.

To more effectively examine a wider range of patients with minimal transducer switching, the versatile new S5-2 transducer features **PureWave crystal technology**, the biggest advance in transducer technology in 40 years. The exclusive Philips process creates a transducer crystal that is significantly more efficient than other transducer material and makes it possible to use S5-2 transducer to cover a frequency range previously needing two transducers.

To quickly achieve optimal image quality in 2D, color and Doppler exams, **iSCAN** image optimization is a one-button push that automatically adjusts multiple parameters in these modes.

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Developed to speed your workflow

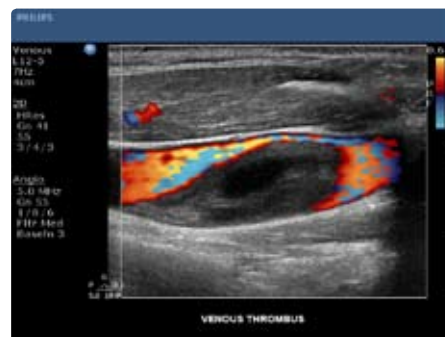
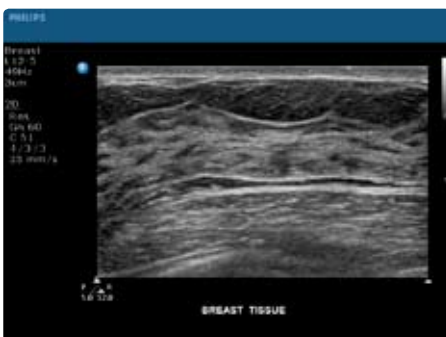
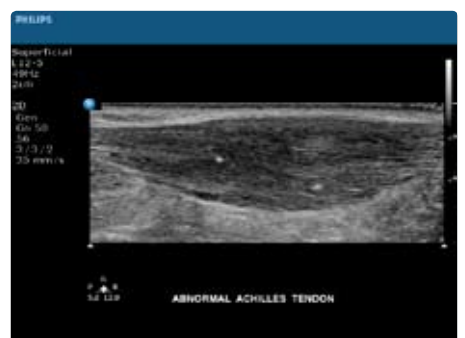
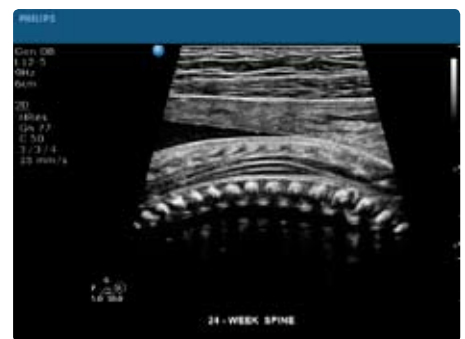
The HD15 is designed to give you optimum imaging performance with minimum steps—simply choose a Tissue Specific Imaging preset and complete an exam with minimal adjustments. HD15 is engineered for just that kind of leading edge usability with fast transducer switching during exams, plus one-button iSCAN image optimization that assures you new levels of efficiency and diagnostic confidence. The combination of functional simplicity and heritage of premium technologies make HD15 the one system with the performance to meet more of your needs.

Changing the way you look at ultrasound

Manipulate exam parameters and image settings as needed, even after the patient has left. With **active native data**, you no longer have to settle for the images or Cineloops you've captured. You can further investigate and manipulate the original image to see new detail.

For new efficiencies in completing follow-up exams.

Live compare allows you to bring up a previous exam and place it beside your active exam so you can immediately see and compare changes in structure and flow.





Versatile

The all-new HD15 delivers outstanding performance in a wide range of exam types and clinical settings. With its suite of intelligent optimization tools and configurable patient reports, the HD15 is as versatile as it is simple. Unlike some other systems that boast ease of use, the HD15 also offers the diagnostic capabilities you need to perform difficult, in-depth clinical exploration. Advantages like these help assure both user simplicity and productivity:

- The HD15 is highly configurable, from dedicated use in a single specialty or department, or as a multi-specialty system for more complete hospital and point-of-care support.
- Small, mobile design brings advanced clinical performance to the bedside.
- Tissue Specific Imaging presets automatically optimize transducers to the exam type for brilliantly clear imaging with little-to-no adjustment.
- On-cart and off-cart access to Philips QLAB software, delivering automated and objective methods for quantifying ultrasound data.

Applications

- Abdominal
- Small parts and superficial
- Breast
- Pediatric
- Musculoskeletal
- Obstetrical and gynecological
- Prostate
- Vascular
- Intraoperative vascular
- Transcranial Doppler
- Cardiac
- Transesophageal
- Stress Echo
- Emergency medicine
- Critical care
- Regional anesthesia



clinical performance

A broad portfolio of applications helps make HD15 the ultrasound system for private practice offices, clinics and small hospitals, as well as larger hospitals with essential imaging needs.

Keeping you up and running

For over 14 years IMV Limited, a prestigious independent healthcare research company has rated Philips Number One in its ServiceTrak Imaging-All

Systems report for customer service satisfaction out of thousands of companies compared worldwide.

- World class help is only a phone call away.
- Online remote diagnostics and service support give you fast answers and keep you running.

You can count on the Philips HD15 ultrasound system not only for peace of mind, but also for a long running return on your investment.



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