Affiniti 70
It understands your everyday
You always go above and beyond to provide the best care to your patients. But you are expected to do so with less time, fewer resources, and higher patient volumes. The care you want to provide deserves tools that can set you ahead and stay ahead.
Introducing Philips Affiniti 70
It understands your everyday

Engineered for efficiency and reliability, and powered by Philips proven performance, Affiniti 70 brings you outstanding image quality, advanced features, and walk-up usability. All in an elegant, easy-to-use design with the broad applicability you need.

New Philips Affiniti 70
It understands your everyday.
Philips Affiniti 70
Superb Clinical Versatility

- Abdominal
- Obstetrical
- Fetal echo
- Cerebrovascular
- Peripheral vascular
- Abdominal vascular
- Temporal TCD
- Gynecological and fertility
- Small parts and superficial
- Musculoskeletal
- Pediatric general imaging
- Prostate
- Adult echocardiography
- Pediatric echocardiography
- Stress echocardiography
- Adult transesophageal
- Surgical imaging
- Interventional imaging
- Contrast imaging
- Bowel imaging
- Elastography

Philips Affiniti supports a wide range of small, light-weight transducers that can be shared across our premium EPIQ, Sparq, CX30, and CX50 compact systems.
Philips Affiniti 70
Workflow meets wow

CONFIDENT THROUGHPUT

EXPERIENCE

TOTAL COST OF OWNERSHIP
Affiniti 70 for General Imaging

A powerful combination of performance and workflow to help you make a quick confident diagnosis

Transducer technology

C5-1, C9-2, L12-3, S5-1, C10-3v

C6-2, L18-5, L12-5, L12-4, S4-2, C9-4v

PureWave

Increased penetration in technically difficult patients (TDP) so that one transducer can provide detailed resolution and diagnostic confidence on easy patients as well as TDPs.

Broadband

Great image quality and detailed resolution for diagnostic confidence at a low price point.

Tissue-Specific Preset (TSP)

The combination of transducer optimization for specific exams, along with Affiniti 70 precision beamforming provide excellent image quality with little or no need for image adjustment.

All the capabilities needed for day-to-day applications, plus advanced features and automation that enhance exam efficiency and simplify workflow.

- Elastography, CEUS
- Auto Doppler, AutoSCAN, SmartExam
Improving Diagnostic Confidence on Technically Difficult Patients

Philips Affiniti 70 ultrasound system delivers PureWave imaging across all major clinical segments

Affiniti 70 is the only system in its class with PureWave imaging across all major clinical segments. PureWave transducers are designed to increase penetration in technically difficult patients, so that each transducer can provide diagnostic confidence on easy patients as well as difficult patients.

Transducers include:
• PureWave C5-1 and C9-2 for abdominal and OB exams
• PureWave S5-1 for cardiology and transcranial applications
• PureWave C10-3v for early obstetrical and gynecological exams
More definitive clinical information about tissue stiffness

- Affiniti 70 is the only system in its class that supports both strain and shear wave elastography to assess tissue stiffness; highly sensitive strain imaging requires no external compression and can be used to assess relative tissue stiffness across a variety of applications, including small parts, breast, and gynecology.

- ElastPQ shear wave elastography utilizes unique pulsing schemes to generate and measure the propagation speed of shear waves through tissue, which produces an absolute measure of tissue stiffness that has proven helpful to clinicians in assessing diseases such as liver fibrosis; easy to use and reproducible, ElastPQ shear wave is a simple and easy method to help monitor patients at risk for liver disease and potentially reduce the number of painful and expensive biopsy procedures.
Philips Affiniti

Contrast enhanced ultrasound (CEUS)*

Dynamic organ and tumor assessment in real time

With Affiniti 70, you can easily add contrast-enhanced ultrasound (CEUS) to nearly any exam. Affiniti 70 provides immediate optimization of CEUS studies and exceptional performance across multiple agents and applications, which allows for dynamic assessment of organ and tumor perfusion in real time.

*Not available in the United States
Philips Affiniti 70

2D Anatomical Intelligence
Automation that leads to everyday efficiency.

a2DQA.I. for AutoEF
• Rapid access to validated 2D EF and volumes—calculated using Biplane Simpsons Method of Disks
• Fast—10 seconds to get EF

aCMQ\(^A.I\). for GLS and EF
• Rapid access to Global Longitudinal Strain from all 3 apical views
• AutoEF calculated simultaneously with no extra steps
Philips Affiniti 70
Comfort meets competence
Philips Affiniti 70
Designed around your everyday with walk-up usability, ergonomics, and mobility

Walk-up usability
Users with ultrasound experience require minimal training on system use to be able to complete an exam.
Intuitive tablet-like interface reduces reach and button pushes.

Ergonomics
180 degrees of articulation for the control panel and largest in its class 21.5" monitor (54.6 cm) allow for scanning comfort.
Library quiet.
Easy clip, our innovative cable management solution, keeps cables tangle- and damage-free, while decreasing cable strain for improved comfort while scanning.

Mobility
One of the lightest in its class, at just 184 pounds (83.5 kg), Affiniti 70 can be easily transported.
Wake the system from sleep mode and start scanning in just seconds.
Philips Affiniti 70
A smart investment

CONFIDENT THROUGHPUT

EXPERIENCE

TOTAL COST OF OWNERSHIP
Philips Affiniti 70
Reliability, sustainability, and support services to enhance your ownership experience

Enhanced serviceability and durability
Affiniti features a superior modular design for improved reliability, rapid repair, and enhanced system uptime.

The system is built to last for the daily rigors of high patient volume with 4,500 hours of rigorous system testing.

Support services*
Predictive service models such as proactive monitoring, remote desktop provide high system availability and enhanced workflow.

Service support, financing programs and educational offerings give you peace of mind to get the most out of your system.

Energy-efficient
Affiniti 70 consumes less energy than a toaster, and may help you save on energy and cooling costs.

It consumes nearly 60% less energy than its predecessor.

*Not all services available in all geographies; contact your Philips representative for more information.
Philips Affiniti 70
It understands your everyday.
Small Parts
Musculoskeletal
GI Contrast

CONTRAST ENHANCED ULTRASOUND OF PELVIC MASS

CONTRAST ENHANCED RENAL ULTRASOUND

PROSTATE CONTRAST

CONTRAST ENHANCED RENAL ULTRASOUND

CONTRAST ENHANCED THYROID ULTRASOUND

CONTRAST ENHANCED ULTRASOUND OF KIDNEY

PHILIPS
Adult Echo
Pediatric Echo
Stress Echo
Advanced Features — Quantification

Peak Systolic Strain
HR (Avg.) = 148 bpm
EDV (Bi-Plane) = 7.5 ml
ESV (Bi-Plane) = 1.8 ml
EF (Bi-Plane) = 75.9%
Time (DL) = 26.9 ms

AP3 L. Strain = -25.8%
AP4 L. Strain = -30.9%
AP2 L. Strain = -30.4%
Global L. Strain = -29.0%