

Samsung Medison is a global leading medical devices company. Founded in 1985, the company now sells cutting-edge medical devices including diagnostic ultrasound, digital X-ray and blood analyzer, in 110 countries around the world. The company has attracted global attention in the medical field with its R&D capabilities and advanced technologies. In 2011, Samsung Medison became an affiliate company of Samsung Electronics, integrating world's best IT, image processing, semiconductor and communication technologies into medical devices.

CT-UGEO PT60A-CWW-CMI-0705-EN

Compactly Powerful



ULTRASOUND SYSTEM
UGEO PT60A

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COMPACTLY POWERFUL

This groundbreaking ultrasound system is uniquely engineered to meet the needs of the portable market and incorporates new features such as a 10.1-inch LED touch-screen and Needle Mate™ technology. With its premium performance, slim and compact size, and ease of use, the UGEO PT60A is designed to satisfy all Point of Care applications.

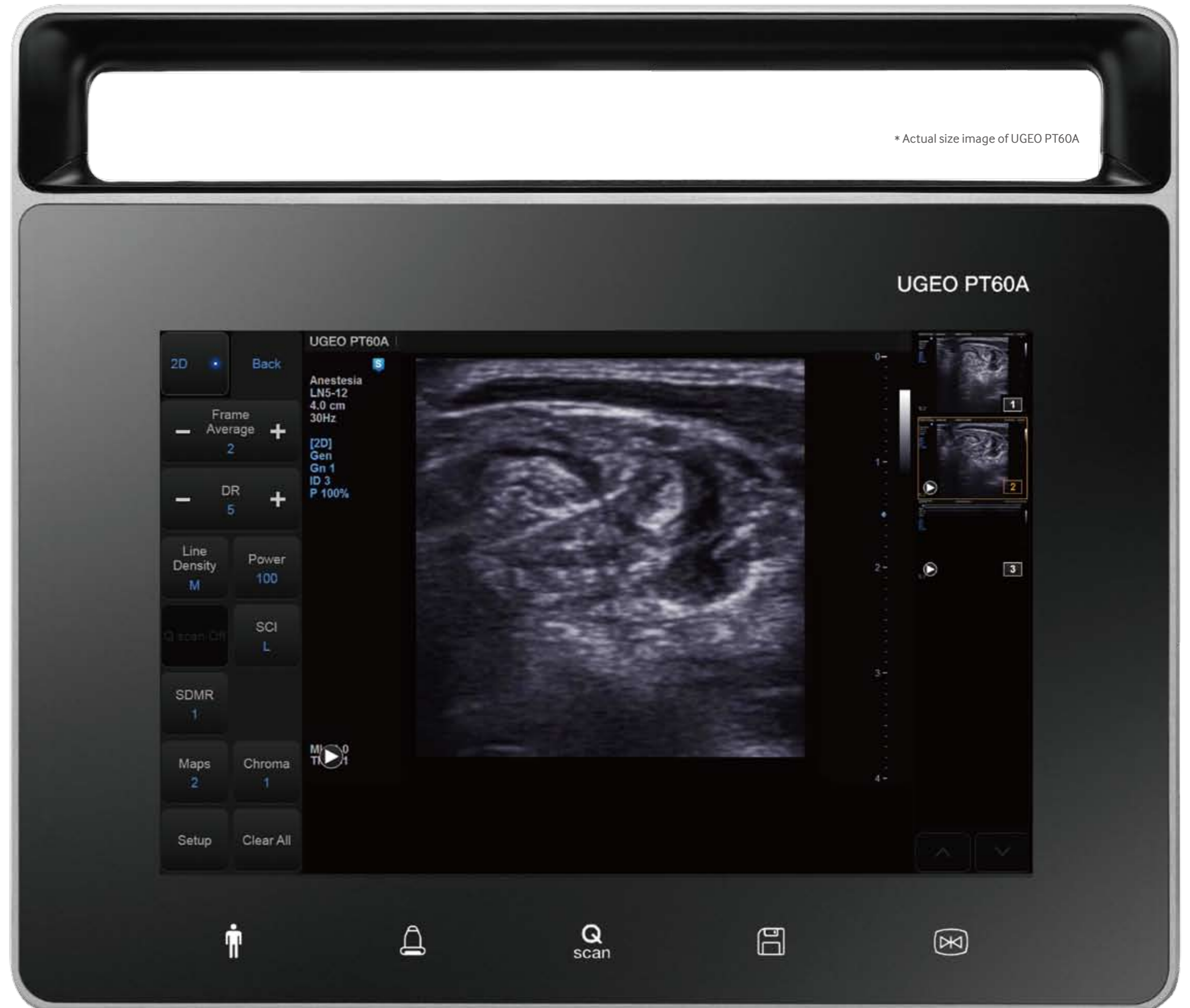


ACCURATE

EASY

FAST

* Actual size image of UGEO PT60A



UGEO PT60A

2D Back

Anesthesia LN5-12 4.0 cm 30Hz

[2D] Gen Gn 1 ID 3 P 100%

Frame Average 2

DR 5

Line Density M Power 100

scan Off SCI L

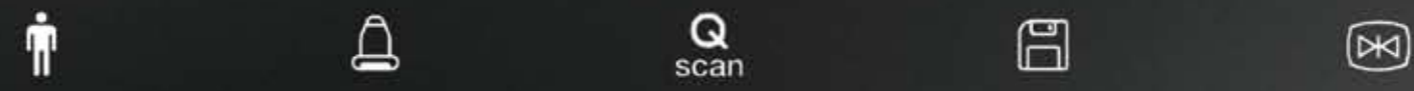
SDMR 1

Maps 2 Chroma 1

Setup Clear All

MI 0 TI 1

0 1 2 3 4





10.1 inch LED monitor

Equipped with a 10.1 inch LED touch-screen monitor, UGEO PT60A displays superb image quality with enhanced contrast resolution providing the optimal scanning experience.

Needle Mate™

The highest levels of accuracy and efficiency in diagnosis and treatment become possible with UGEO PT60A. Using pinpoint precision, Needle Mate delineates needle location when performing interventions such as nerve blocks, corticosteroid injections and PIC line insertions.

PICTURE PERFECT VISION

The highest levels of accuracy and efficiency in diagnosis and treatment are possible with UGEO PT60A, which features the latest technologies such as a 10.1 inch LED touch-screen monitor for easy operation, Needle Mate™ for precise identification of the needles' location, and SDMR™ providing clearer imaging with an innovative noise reduction filter.



SDMR™

SDMR technology virtually eliminates unwanted speckle noise, while providing exceptional contrast resolution in combination with enhanced edge definition for unsurpassed image quality. Integrating Samsung's innovative imaging technology, UGEO PT60A demonstrates a noticeable improvement in image quality.



Liver without SDMR™



Liver with SDMR™

SCI™ (Spatial Compounding Image)

Spatial Compounding Image incorporates intricate beam steering and compounding of scan lines to deliver remarkable spatial and contrast resolution.



Thyroid without SCI



Thyroid with SCI

SIMPLE TOUCH TO SAVE TIME

Using the one-touch measurement features of the ultra-portable and compact UGEO PT60A, exam results are delivered with maximum efficiency. The UGEO PT60A's Auto IMT™ and quick diagnosis report can help providers make critical decisions more easily. This, in turn, enables fast and timely treatment for the patient.



Capacitive Full touch-screen

UGEO PT60A's capacitive touch-screen is highly durable and supports multi-touch with faster reaction time. It also can be operated with gloves and helps to improve work efficiency for ICU, operating theaters, ambulances and emergency departments.



10.1 inch full touch-screen

Auto IMT™

Auto IMT™ allows automatic IMT measurement of both the near and far walls of the CCA (Common Carotid Artery). Accurate IMT measurements have the potential to identify patients with an increased risk of stroke and heart disease.



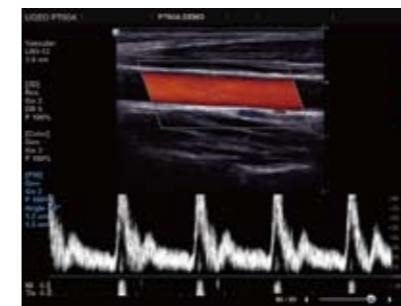
CCA Auto IMT™

The UGEO PT60A design can also help sports medicine specialists quickly examine injuries with easy access to common functions made possible by the sensitive full touch-screen and intuitive user interface. The compact size of the equipment also helps users quickly attend to the injury by enhancing their mobility during the diagnostic examination.

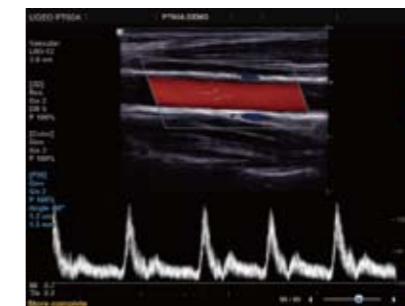


QuickScan™

Important imaging parameters can be automatically optimized with the touch of a button below the monitor, maximizing the efficiency of diagnosis workflow.



CCA Doppler with QuickScan™



CCA Doppler without QuickScan™

ERGONOMIC DELIGHT

Mobility is an extremely important factor for various ultrasound applications, and the UGEO PT60A does not fail to satisfy this aspect. An optional docking cart provides maximum portability to the system, which boasts a handy, ergonomic design for ease of use and an available three probe port connector.



Convenient Handle

UGEO PT60A comes with a convenient handle for one-handed carrying that enables easier and faster transportation.

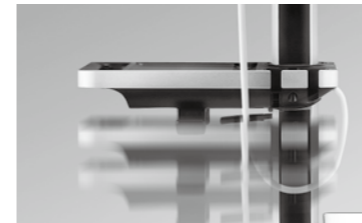
Tilting Monitor

The monitor holder on the UGEO PT60A cart can be easily adjusted to hold the screen at the optimal angle that users can comfortably view.



Lift Table

The table offers four convenient probe holders and can be adjusted up-and-down for user comfort.



Micro Probe Connector

The small micro probe connector leaves more room on the machine for efficient use of space.



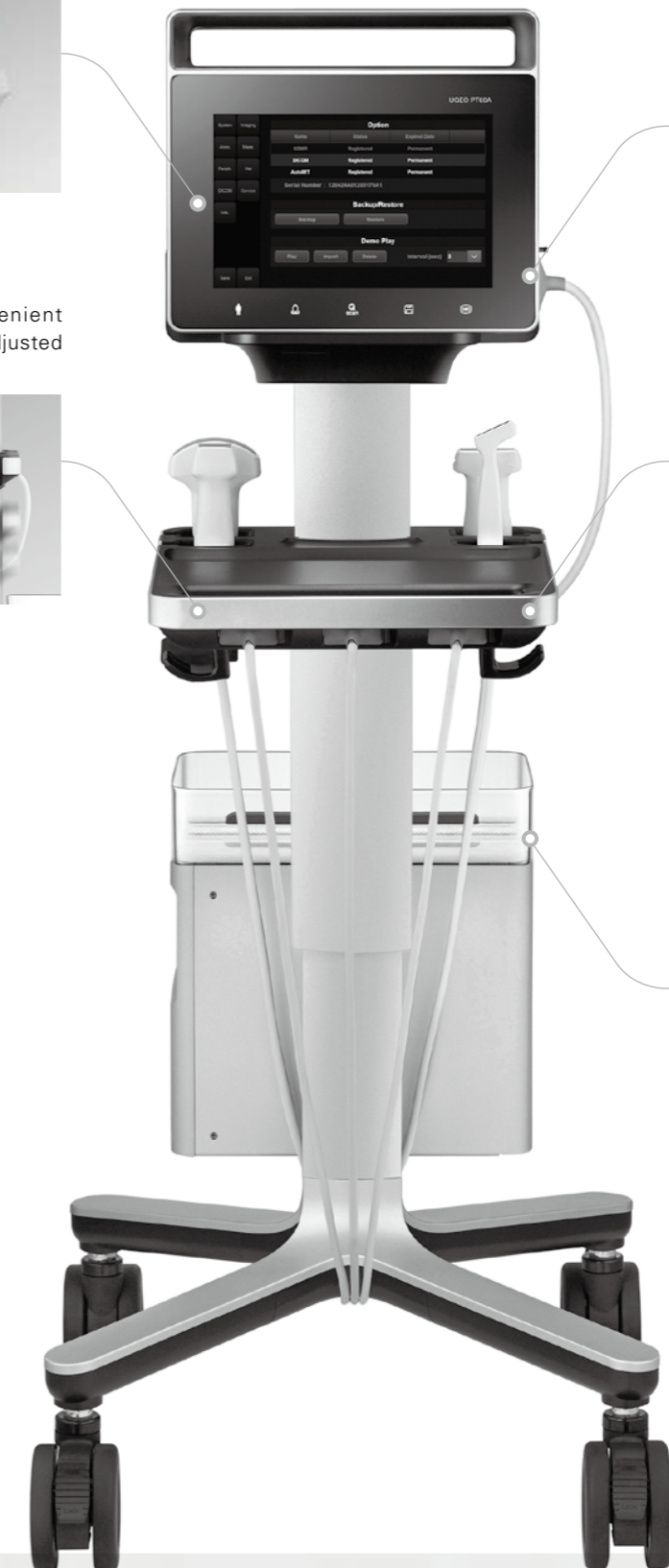
Three Probe Ports

UGEO PT60A's docking cart provides three extended active probe ports for greater usability.



Basket Space and Encased Printer

The large, robust basket and encased printer maximize efficient use of space and provide enhanced functionality.



ENHANCED IMAGE QUALITY



Gall Bladder polyp with zoom



Median Nerve with SCI™



Parasternal longaxis view



Thyroid nodule in SDMR™



CCA Color



Supraspinatus Tendon with SCI

PROBE OPTIONS

Our selection of probes ensures the proper fit for every specific need and patient.

Phased Array Probe

PN2-4



- Application : Cardiac, Abdomen, TCD, Emergency
- Center frequency : 2.7 MHz
- Field of view : 90°

Linear Probes

LN5-12



- Application : Musculoskeletal, Small Parts, Vascular, Nerve Block
- Center frequency : 8.5 MHz
- Field of view : 38.4mm

LS6-15



- Application : Musculoskeletal, Nerve Block
- Center frequency : 9.2 MHz
- Field of view : 25.6mm

Convex Probes

C2-5



- Application : Abdomen, OB, GYN
- Center frequency : 3.35 MHz
- Field of view : 47.7°

C2-8



- Application : Abdomen, OB, GYN
- Center frequency : 4.8 MHz
- Field of view : 68°