



DUOMED

*SonoScape*

# YOUR PARTNER IN ULTRASOUND SYSTEMS

Clarity in every image, confidence in every diagnoses



E2 Portable



P25 Elite



P60

[www.duomed.com](http://www.duomed.com)

## E2 YOUR INTELLIGENT COLOR DOPPLER

E2 is a color Doppler ultrasound system that reaches beyond your expectations due to its compact and fashionable appearance. It fulfills GI, OB/GYN, Cardiac and POC applications to fit your routine scanning needs while its color mode will help you for a more accurate and efficient diagnosis of lesions.



### EXACTLY TO YOUR NEEDS

#### AUTO IMAGE OPTIMIZATION

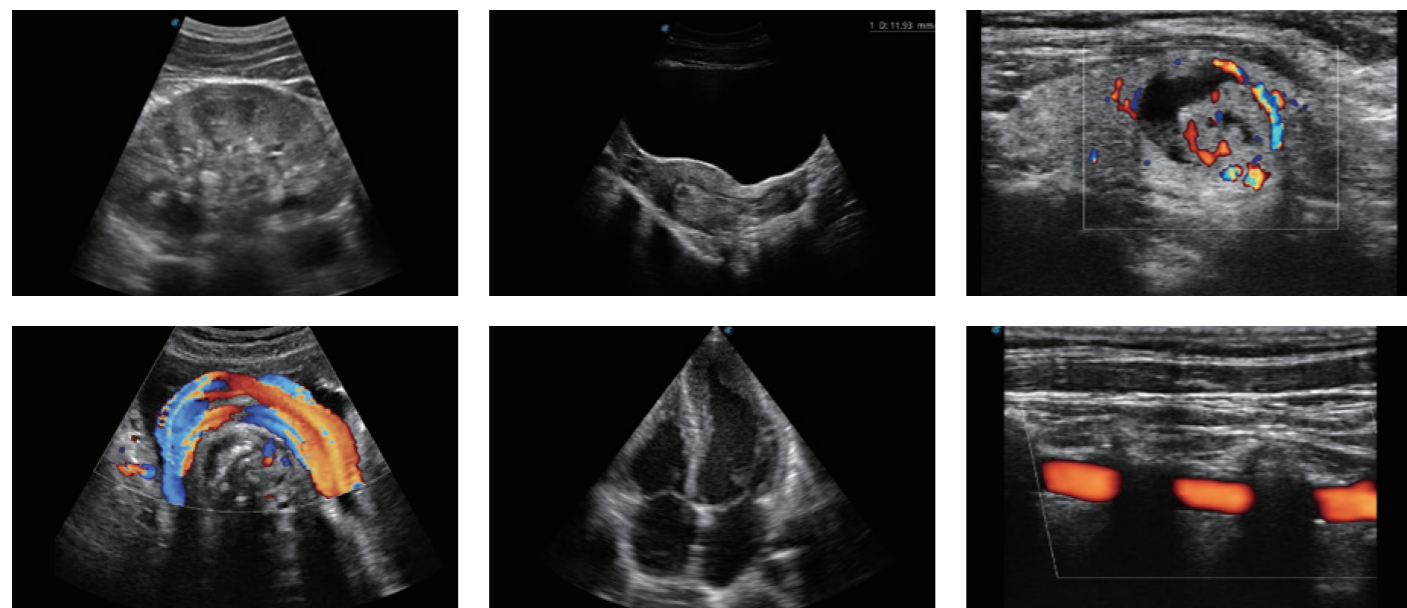
With the press of a button the image is automatically adjusted and optimized, saving you time with parameter adjustments. Additionally, with Auto Focus on, the focus area follows the depth of the ROI box as it is moved in the scanning field, providing users an excellent image quality in the desired area of interested.

#### AUTOMATED CALCULATION

Auto IMT is used when determining the level of vascular sclerosis present in the patient by automatically tracing the thickness of the carotid vessels. Auto trace provides users sensitive and accurate wave tracing, avoiding error of manual trace and giving out calculation result in no time

## COMPREHENSIVE SOLUTIONS

E2 provides a wide range of applications to assist users for routine scanning.



### COMPACT WITH ALL THE RIGHT FEATURES

#### HIGHLIGHTS

**This innovative device with simplified workflow, accommodates to all low and high acute circumstances.**

- ✓ An excellent depth perception and extra accurate images
- ✓ The unique failover mode enables automatic switch to a build in battery ensuring continuous scanning for 90 minutes
- ✓ Smart cable management system for a clutter-free set-up
- ✓ With optional trolley



E2	
<b>Data management</b>	DICOM, USB, WIFI, Bluetooth
<b>Data storage</b>	500GB HDD Build-in
<b>Auto image</b>	B/M/PW
<b>Monitor</b>	15.6" HD LED
<b>Panoramic Imaging</b>	Yes
<b>SR Flow</b>	Yes
<b>VIS Needle</b>	Yes



# P25 ELITE CONSISTANT EXCELLENT PERFORMANCE

Based on the years of technical accumulation in the field of ultrasound, P25 is empowered by SonoScape's cutting-edge technology to provide high-definition images to vastly increase diagnostic confidence. The sophisticated features and rich probe configurations provide a comprehensive solution to manage all-aspects of the daily clinical practice with ease and certainty.



## MORE APPLICATIONS

### USER FRIENDLY SYSTEM

Ultrasound is widely used and undertakes an increasing number of clinical tasks. A pioneer in helping clinicians do more easily, the P25 Elite integrates a comprehensive set of potential features covering advanced abdominal, cardiovascular, small parts, OB/GYN and more.



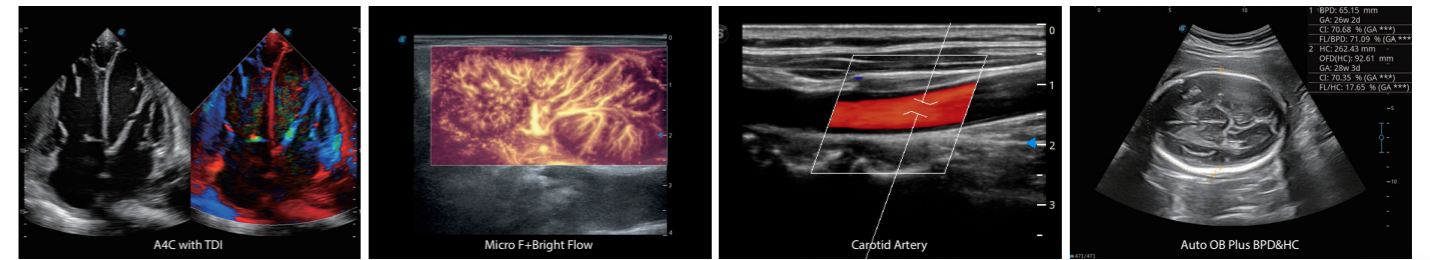
ABDOMEN

OBSTETRICS

BREAST

CARDIAC

## IMAGE CLARITY THROUGH INNOVATION



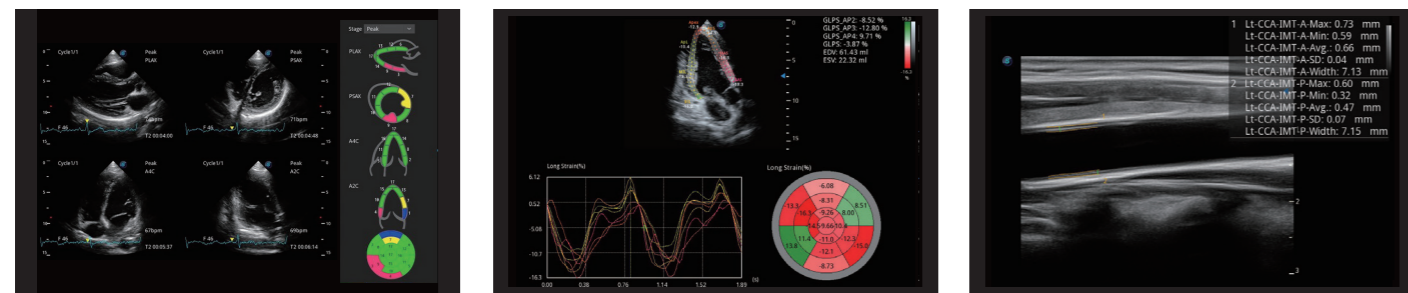
### ADVANCED TRANSDUCER TECHNOLOGIES

Single crystal transducers greatly improve signal ratio, acquire stunning images and provide superior sensitivity and resolution for both the near and far fields, by increasing the uniformity of crystal alignment and raising energy transmission efficiency. Single crystal C1-5 for abdominal and OB patients and S1-5 for cardiology and transcranial applications.



Composite crystal linear transducers, by reforming the conventional piezoelectric materials, achieve a better acoustic spectrum and lower acoustic impedance to serve well in vascular, breast, thyroid, MSK, etc. The combo of 12L-A, 12L-B, 9L-A covers an ultra-wide frequency bandwidth, leaving nearly no blind spot for all sorts of scanning.

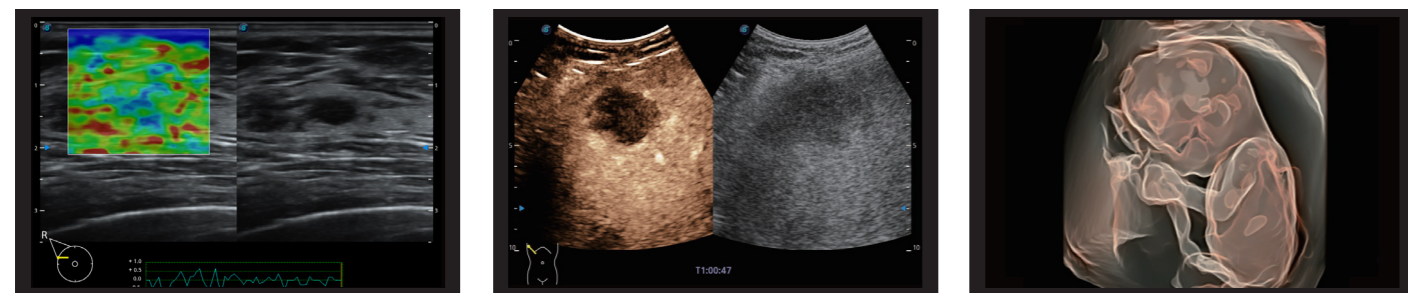
## GREATER ACCURACY



STRESS ECHO

MQA

AUTO IMT



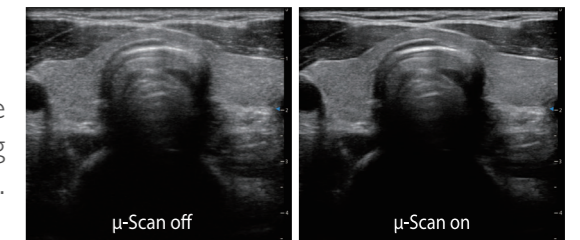
C-XLASTO IMAGING

CONTRAST IMAGING

S-LIVE SILHOUETTE

### μ-SCAN+

A new generation -Scan+ imaging technology gives you better image quality by reducing noise, improving image uniformity, and enhancing boundary continuity for true-to-life detail and improved visualization.



μ-Scan off

μ-Scan on



### SR FLOW

As a new innovative technology, SR Flow improves the capability of detecting low velocity flow signals. It also improves on spatial resolution and overcomes overflow to present users with real hemodynamic information.

# P60 INTELLIGENCE ARTICULATED

Configured with SonoScape's latest prominent Wis+ platform, the P60 is designed to provide more insightful and constructive evidence for diagnosis through authentic detail display, easy-but-effective intelligent analysis and streamlined workflow. It benefits from the integration of state-of-the-art artificial intelligence technology and is dedicated to offer exceptional user-experience for a wide range of applications.



## STREAMLINED WORKFLOW

### WIS+ ARTIFICIAL INTELLIGENCE BASED ULTRASOUND

A newly-developed ultrasound platform: seamlessly incorporated with Artificial Intelligence. The built-in deep-learning based algorithms, mimic the function of learning and evolving with data; just like the human brain. With Wis+, the acquisition and interpretation of ultrasound images become unprecedentedly efficient, convenient and more importantly, accurate.

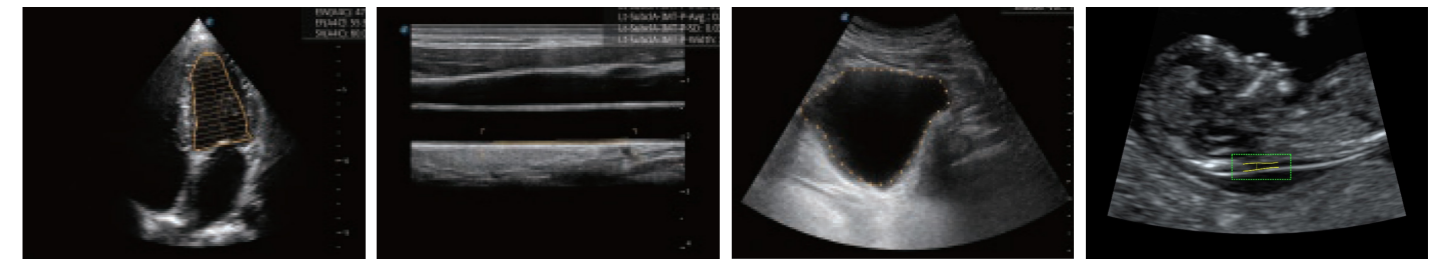


#### Artificial Intelligence features

With well-trained AI algorithms, the burdensome structure recognition and manual measurement procedures are now replaced with one-key operation. The built-in guidelines make sure that the variables, which may affect the diagnosis consistency and repeatability, are no longer a problem because of the AI algorithm. AI features are now available on S-Breast, S-Thyroid, S-Fetus and S-Pelvic.

### AUTOMATED TOOLS

P60 is exactly the combination of efficiency and convenience. The auto button on the control panel helps to adjust important imaging parameters automatically. Available under B mode, CFM mode and PWV mode. Moreover, it can be user-defined to activate AI-featured functions (S-Fetus, S-MSK, S-Breast, S-Thyroid), so no need to search on the touch screen. The automated measurement and analysis tool package on the P60, makes every exam more consistent, accurate and fast.



AUTO EF

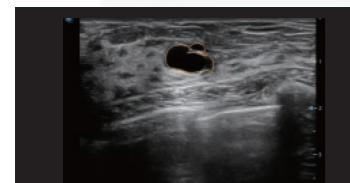
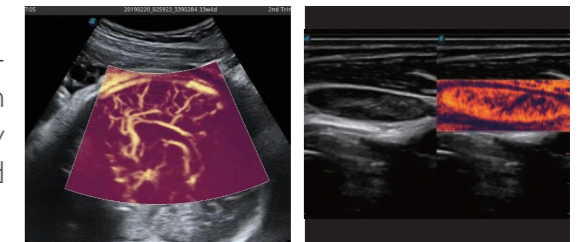
AUTO IMT

AUTO BLADDER

AUTO OB (NT)

### Micro F (visualisation micro-vascularized structures)

This innovative method expands the range of visible flow in ultrasound; especially for visualizing slow flow in tiny vessels. Micro F can distinguish minute flow from overlaying tissue movement effectively which gives more diagnostic confidence when evaluating lesions and tumors.



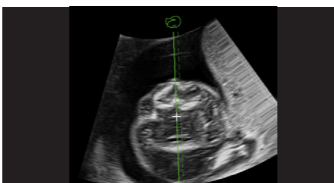
AI S-BREAST

By simply setting a ROI frame on a suspicious lesion S-Breast helps to outline the lesion border and report the classification according to BI-RADS (Breast Imaging-Reporting Data System) standard.



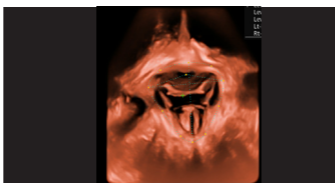
AI S-THYROID

This advanced tool based on TI-RADS (Thyroid Imaging Reporting Data System), helps detecting and classifying, after selecting the region of interest.



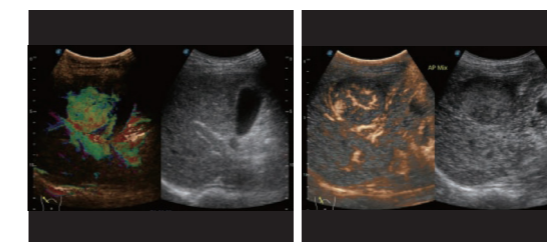
AI S-FETUS

Accurate detection of the most significant planes and frequently used measurements of fetal biometry. With a cine loop of the fetal head, S-Fetus measures results in just 2 seconds.



AI S-PELVIC

Designed with pelvic floor anatomy recognition, this tool traces, measures with one click. This can be used in 2D auto anterior compartment and auto levator hiatus evaluation in 3D and 4D.

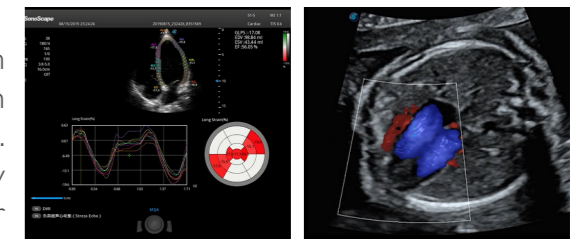


### CEUS (micro flow imaging)

The comprehensive Contrast-Enhanced Ultrasound System offer a thorough solution to evaluate perfusion dynamics in a wide range of clinical settings. The combination of MFI, MFI Time and MFI Mix allows doctors to view the lesion perfusion from different perspectives and hence diagnose more easily and precisely.

### Advanced Cardiovascular

New Myocardium Quantitative Analysis (MQA) provides an in-depth quantitative report. Imaging global and regional myocardial wall motion dynamics of the left ventricle, for a comprehensive assessment. Equipped with SonoScape's unique, pure single crystal phased array transducers, the P60 restores every fine detail and element for precise diagnosis.



# A WIDE CHOICE OF SUPER HIGH DENSITY PROBES

## RELIABLE PROBES

The use of the latest advanced ceramics and unique Sonoscape technological design processes result in increased bandwidth and significant improvements in spatial resolution and reliability. Sophisticated impedance matching circuits ensure optimum signal transfer and high sensitivity. Light weight body mass and thin cables assist to reduce wrist strain for the operators.

## FEATURES

- Convex Extended
- Temperature Detect
- Professional Calculation Package

## A SELECTION FROM OUR PROBE RANGE

Please request the probe brochure for the whole portfolio.



**3C-A 135°**

- ✓ GENERAL IMAGING
- ✓ OB/GYN



**C613**

- ✓ GENERAL IMAGING



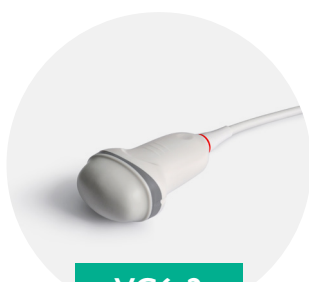
**L742**

- ✓ SMALL PARTS/BREAST
- ✓ MSK



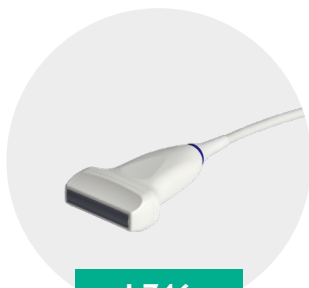
**4P-A**

- ✓ CARDIAC
- ✓ TCD



**VC6-2**

- ✓ OB/GYN



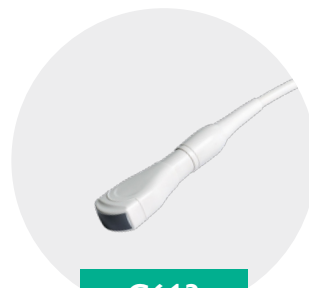
**L746**

- ✓ GENERAL IMAGING



**6V1 60°**

- ✓ OB/GYN



**C613**

- ✓ LUNG

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**DUOMED**

### Sales

+31 318 54 32 23  
sales.nl@duomed.com

### Service

+31 318 51 89 48  
service.nl@duomed.com

### The team



Duomed The Netherlands • Landjuweel 16-7 • 3905 PG Veenendaal • The Netherlands

T +31 318 54 32 23 • info.nl@duomed.com • [www.duomed.com](http://www.duomed.com)