

Your Partner for Probe Performance Testing

Scientific evidence indicates over 1 in 3 probes in clinical use today have some form of defect which puts clinical diagnosis at risk^{1,2}.

Unisyn, a division of GE Healthcare, supports your ultrasound equipment by providing comprehensive onsite probe testing, helping you maintain critical image quality and identify faulty probes before they impact clinical diagnosis.

Unisyn* Onsite Probe Performance Testing provides you with:

- In-depth onsite testing for your multi brand probes (GE, Philips**, Siemens**, Toshiba** and others)
- Comprehensive exchange, loaner, and repair solutions for defective and at-risk probes
- Considerable visibility of your probe fleet health
- Quantitative probe performance analysis



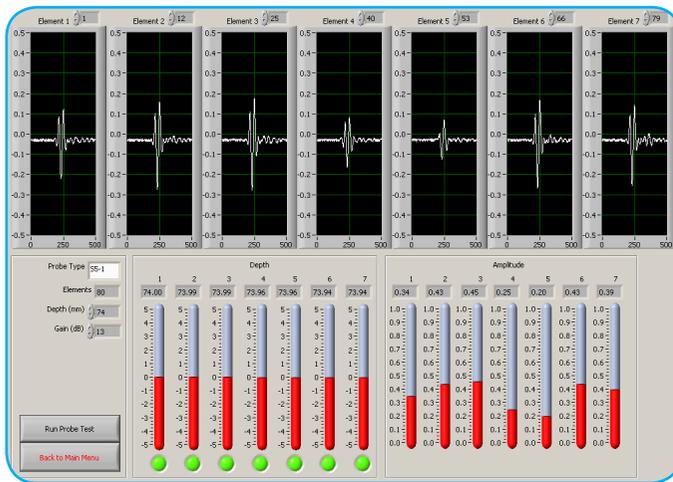
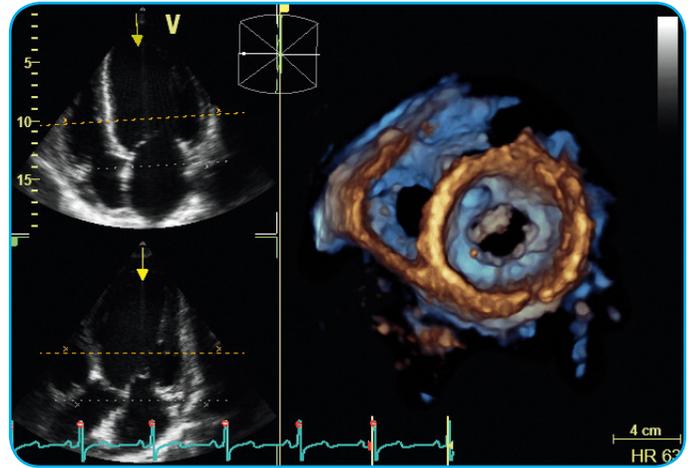
¹ Mattias Mårtensson et al. (2009). High incidence of defective ultrasound transducers in use in routine clinical practice. *European Journal of Echocardiography*. 10 (1), 389–394.

² Weigang, et al. (2004). The methods and effects of transducer Degradation on image quality and the clinical efficacy of diagnostic sonography. *J Diag Med Sonog*. 20, 395-405

Tend to your Image Quality

With onsite probe performance testing, Unisyn brings you the heart of our ISO 9001 and ISO 13485 certified probe diagnostics and repair processes: our proprietary FirstCall* probe diagnostics technology.

This technology's reliability, accuracy, and quantitative nature are at the core of Unisyn's decade of probe repair experience. Helping you both pinpoint current probe faults as well as detect potential future probe failures, it is a vital tool in the protection of the most fragile piece of your ultrasound imaging chain and the preservation of the image quality your equipment was designed for.



Monitor your probes' vital signs

Designed to check essential transducer parameters, FirstCall testing can provide you with increased visibility on your probe fleet's health, helping identify key probe failures such as:

The total number and exact location of dead or weak elements within the array

- Changes in the acoustic performance of the array
- Probe lens damage or delamination
- Broken wires within the cable, flex circuit, and head
- Defective electronics within the probe connector

Following our on-site assessment, you will receive:

- Executive summary of fleet performance
- Overview of fleet by department & manufacturer
- Detailed description of individual probe failures
- FirstCall reports for each tested probe

Contact us today
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Improve your patient care

Proactively testing your fleet of ultrasound probes can help reduce the high incidence of defective transducers in use: reducing the risk of misdiagnosis, re-examinations, and supplementary exams^{1,2}, and enabling you to optimize your clinical performance to help you deliver the quality of care your patients deserve.

Data subject to change.

Marketing Communications GE Medical Systems
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A General Electric company, doing business as GE Healthcare

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GE imagination at work