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ULT800

Ultrasound Transducer Leakage Tester

Technical Data



ULT800 tests the electrical safety of ultrasound transducers independent of their ultrasound machines. A variety of adapters allow for testing of many different makes and models, including transesophageal echocardiography (TEE) transducers.

With the ULT800, transducer testing easily fits into routine disinfecting procedures. Technicians conduct the tests in a cleaning basin at the beginning of the day and between patients. Simple Pass/Fail indicators make it so simple to use even non-technical medical personnel, such as sonographers and central sterile-supply technicians, can perform the tests.

The ULT800 is available by itself or as a kit, which includes two transducer adapters, a dual-conductivity electrode, and carrying case.

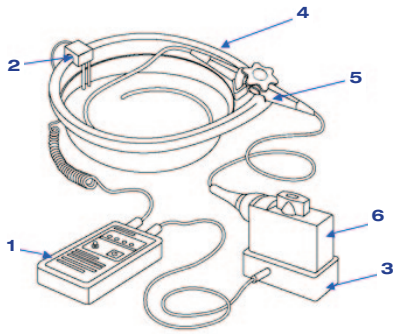
Key features

- Handheld
- Stand-alone operation
- Direct measurement of leakage current
- Battery-operated
- Independent of 120 V or 240 V systems
- Built-in self-test circuit
- Auto shut-off to conserve battery

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Specifications

Power	9 V alkaline battery, approximately 1000 uses per battery
Conductivity	Limit To Pass: > 133 µA + 1 %
Leakage	Limit To Pass: < 185 µA + 1 %; > 20 µA + 1 %
Dimensions (WxDxH)	10 cm x 17 cm x 4 cm (3.7 in x 6.5 in x 1.5 in)
Weight	0.34 kg (0.75 lb)
Temperature	Operating: 15 °C to 40 °C (59 °F to 104 °F) Storage: 15 °C to 65 °C (59 °F to 149 °F)
Humidity	90 % max



Using the ULT800 with disinfecting/testing tray and the 600/220 Dual Conductivity Probe to test a TEE transducer.

Component key:
1: ULT800
2: 600/220 Dual-conductivity probe
3: Ultrasound transducer adapter
4: Disinfecting/testing tray
5: Ultrasound transducer under test
6: Ultrasound transducer connection block (to match the transducer being tested)

Ordering information

Model

ULT800 ULT800 Ultrasound Transducer Leakage Tester Kits
ULT800K-CUST1 Cust1 Ultrasound Transducer Leakage Tester Kit: Includes ULT800 (ULT800K-CUST1), Dual Conductivity Electrode (600/212FG), and Hard-Sided Carrying Case (600/214FG)
ULT800K-CUST2 Cust2 Ultrasound Transducer Leakage Tester Kit: Includes ULT800 (ULT800K-CUST2), Dual-Conductivity Electrode for Cidex 2032 Tray (600/220FG), and Cidex 2032 Tray and Storage Foam Kit (5215-0366)

Ultrasound transducer adapters

600/156FG Acuson/Siemens Ultrasound Transducer Adapter for Acuson 156 and V510B Transducers
600/260FG Acuson/Siemens Ultrasound Transducer Adapter for Acuson 260 Transducers
600/MPFG Acuson/Siemens Ultrasound Transducer Adapter for Acuson MP and 3V2c Transducers
600/213FG Acuson/Toshiba Ultrasound Transducer Adapter for Acuson XP, Acuson Aspen, Acuson Capasee, Acuson 3-Needle Guide C3, ATL 3.5 DFT, Toshiba PSF-37HT, and Toshiba F Series Transducers
600/210FG HP/Agilent Ultrasound Transducer Adapter (600/210)
600/211FG HP/Agilent Ultrasound Transducer Adapter (600/211)
600/204FG GE LogiQ Ultrasound Transducer Adapter (600/204)
600/205 GE LogiQ Ultrasound Transducer Adapter (600/205)
600/202FG GE YMS/RT Ultrasound Transducer Adapter for GE YMS/RT Transducers
800/PHILIPS-04 800-PHILIPS-04 Tee adapter-Philips Ie33/iU22
600/216A 600/216A Ultrasound Transducer Adapter (ALOKA), English
600/218FG Philips Ultrasound Transducer Adapter (ATL/600/218)
600/216 G 600/216A Ultrasound Transducer Adapter (Aloka)
600/260 Siemens Probe Adapter MPT7-4
800/TEE SonoSite TEE Ultrasound Transducer Adapter (for use with all SonoSite Transducers-including TEE)

Optional accessories

600/214FG Hard-Sided Carrying Case
600/220FG Dual Conductivity Electrode— for use with Cidex 2032 Tray
600/212FG Dual Conductivity Electrode
800-CLEANING TUB Cleaning tub/lid with foam and box
600/220PLUS Dual Conductivity Electrode for use with 800-Cleaning Tub
600/215FG Conductivity Adapter Cable for PCI GUS Cleaning
600/220B Conductive Probe for Deep Tub
600/206 Universal Ultrasound Probe for DALE601 and DALE601E
600/102FG Chassis Ground Probe for DALE601/DALE601E2231001: Cidex® 2032 Tray and StorageFoam Kit

About Fluke Biomedical

Fluke Biomedical is the world's leading manufacturer of quality biomedical test and simulation products. In addition, Fluke Biomedical provides the latest medical imaging and oncology quality-assurance solutions for regulatory compliance. Highly credentialed and equipped with a NVLAP Lab Code 200566-6 accredited laboratory, Fluke Biomedical also offers the best in quality and customer service for all your equipment calibration needs.

Today, biomedical personnel must meet the increasing regulatory pressures, higher quality standards, and rapid technological growth, while performing their work faster and more efficiently than ever. Fluke Biomedical provides a diverse range of software and hardware tools to meet today's challenges.

Fluke Biomedical Regulatory Commitment

As a medical test device manufacturer, we recognize and follow certain quality standards and certifications when developing our products. We are ISO 9001 and ISO 13485 medical device certified and our products are:

- CE Certified, where required
- NIST Traceable and Calibrated
- UL, CSA, ETL Certified, where required
- NRC Compliant, where required

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