

ULTRASOUND LEAKAGE TESTER

CS Medical and BC Group International have partnered to provide a safe and effective method in conducting the electrical leakage test within the disinfectant reservoir of the TD 100® Automated TEE Probe Disinfector, TD 200® Automated TEE Probe Disinfector, and the TEEClean® Automated TEE Probe Cleaner Disinfector. The ULT-2000 Series is specifically designed to test the electrical safety of all types of diagnostic ultrasound transducers, totally independent of the ultrasound machine on which they are typically used. The integrity of the outer insulation barrier of the transducer as well as the capacitive leakage currents that exist are tested. Intersocietal Accreditation Commission (IAC) recommends the structural and electrical integrity of the transducer be checked between each use, using an ultrasound transducer leakage tester.



Cat. # ULT-2020

SPECIFICATIONS

PHYSICAL

Size	7.27 x 3.97 x 1.80 Inches (184.7 x 100.8 x 45.7 mm)
Weight	≤ 1.1 lbs (0.68 kg)
Construction	Enclosure - ABS Plastic Face - Lexan, Back Printed
Display	LCD Graphical w/Backlighting 128 x 64 Pixels

MEMORY

Setup Memory	EEPROM, All Parameters
Memory Retention	10 years w/o Power

OPERATION

Operating Range	15 to 30° C (59 to 86° F)
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STORAGE

Storage Range	-40 to 60° C (-40 to 140° F)
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ELECTRICAL

Source Voltage	90 to 275 VAC, ± 1% FS
Leakage Current	0.50 to 10.00 µA, ± 0.5 µA 10 to 250 µA, ± 1% FS 250 to 500 µA, ± 1% FS
Conductivity Current	0.5 to 500 µA, ± 1% FS

POWER

Power Consumption	On: < 300 mA Off: < 250 µA
Battery	9V Lithium (ANSI/NEDA 1604LC or equivalent)
Battery Life	Continuous: > 100 Full Tests (Note: Backlight set to OFF), OFF: > 1 Year