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.

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.

### 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)

#### STORAGE
- **Storage Range**: -40 to 60° C (-40 to 140° F)

#### 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