

Test Equipment List: Biomedical

Required

- AC Ammeter/Clamp-on
- Calibrated Weights
- Computerized Maintenance Management System
- Conventional Hand Tools
- Crimping Tool
- Defibrillator Analyzer
- Electrical Safety Analyzer
- Electrosurgical Analyzer
- Heat Gun or Hair Dryer
- Hex Nut Drivers - Std. And Metric Assortment
- Hex Wrenches - Std. And Metric Assortment
- Infusion Device Analyzer
- Multimeter analog or digital
- NIBP Simulator
- Oscilloscope or Scopemeter
- Patient Simulator
- Soldering station or iron – flux
- SpO2 Simulator
- Tachometer
- Thermometer

Tools & Supplies

- Air compressor or canned air
- Alcohol – cleaning chemicals
- Anti-static equipment
- Hand tools – torx wrenches
- Lubricants (Molytone & Hitazol grease)
- Power and battery drills
- Portable Handheld Vacuum
- Vise

Safety Items

- Back brace/lifting belt
- Ear protection (plugs, domes, muffs)
- Fire extinguisher
- First aid kit
- Gloves
- Safety glasses

Optional

- Anesthetic Gas Indicator
- Capacitor Analyzer
- Cardiac Output Meter
- Compressor Direct Start Box or Equiv
- DC Power Supply
- Desolder Station
- Digital Volt/Ohm/mA Meter w/Diode and Cap Checker - IV dc to 1000V dc sensitivity 1mV .5 & accuracy
- Digital mAs Meters
- Dosimeter
- EEG Simulator
- Fetal Simulator
- Gas Flow Meter
- Incubator Analyzer
- Isolation Transformer - Volt amp rating must equal amperage rating of the highest product worked on. Volts X Amps = Voltamps. Used when repairing solid state controls
- kVp Meter
- Laser Meter
- Leak Detector, Bubble - For all gases including combustible
- Leak Detector, Electronic for CFC, HCFC, etc.
- Light Meter
- LIM/GFI Tester
- Manufacturer Specific Test Devices
- Pacemaker Analyzer
- Pressure/Vacuum Meter
- Sound Level (Db) Meter
- Strip or chart recorder or equiv. - Temp on time base, electrical optional
- Thermistor vacuum gauge
- Tubing bender - Spring type or radius tool
- Ultrasound Phantom
- Ultrasound Power Meter
- VARIAC - Isolation type, 0-140 V AC variable, with line monitor
- Ventilator Tester
- Water column vacuum gauge