

BioMedical Equipment Technology

Career and Major Information

Medical equipment repairers, also known as *biomedical equipment technicians*, maintain, adjust, calibrate, and repair electronic, electromechanical, and hydraulic equipment used in hospitals and other medical environments. They use various tools, including multimeters, specialized software, and computers designed to communicate with specific pieces of hardware. These repairers use hand tools, soldering irons, and other electronic tools to repair and adjust equipment. Among the tools they use is equipment designed to simulate water or air pressure. Faulty circuit boards and other parts are normally removed and replaced. Medical equipment repairers must maintain careful, detailed logs of all maintenance and repair that they perform on each piece of equipment.

Medical equipment repairers work on medical equipment such as defibrillators, heart monitors, medical imaging equipment (x-rays, CAT scanners, and ultrasound equipment), voice-controlled operating tables, and electric wheelchairs. Because most equipment repairs take place within a hospital, medical equipment repairers must be comfortable working around patients. In some cases, repairs may take place while equipment is being used. When this is the case, the repairer must take great care to make sure that repairs do not disturb the patient.

Related Career Titles

[computer, automated teller, and office machine repairers](#), [coin, vending, and amusement machine servicers and repairers](#), [medical, dental, and ophthalmic laboratory technicians](#), [industrial machinery mechanics and maintenance workers](#), [jewelers and precious stone and metal workers](#), [electronic home entertainment equipment installers and repairers](#)

Web Sites

For information about medical equipment technicians and a list of schools with related programs of study, contact:

Association for the Advancement of Medical Instrumentation (AAMI), 1110 North Glebe Rd., Suite 220, Arlington, VA 22201-4795. Internet: **<http://www.aami.org>**

[Occupational Outlook Handbook : http://www.bls.gov/oco/ocos199.htm](http://www.bls.gov/oco/ocos199.htm)

Salary Information

The median earnings for medical equipment repairers was \$40, 580.00 Local salaries may be lower.

Citation: Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook, 2008-09 Edition*, Precision Instrument and Equipment Repairers, on the Internet at <http://www.bls.gov/oco/ocos199.htm>