



DITTA GLOBAL DIAGNOSTIC IMAGING,
HEALTHCARE IT & RADIATION THERAPY
TRADE ASSOCIATION

Good Refurbishment Practices for Medical Imaging Equipment

What customers should know



Budget friendly | Patient friendly | Eco-friendly

MRI | Ultrasound | X-ray | CT | PET CT

NEMA Good Refurbishment Practices (GRP)

Guaranteed quality, safety, performance for refurbished medical imaging equipment.

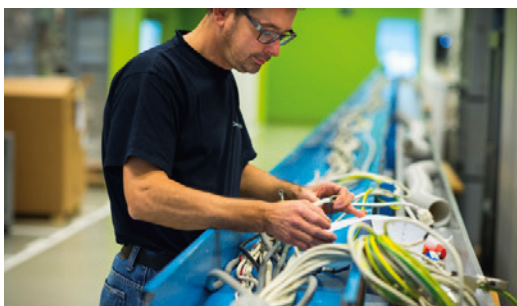
GRP medical imaging equipment is an excellent choice for clinicians, patients, and the bottom line.

It's also a choice to conserve resources and contribute to a cleaner, more sustainable future.

Refurbished medical imaging systems represent a key component of today's healthcare technology market. By purchasing refurbished equipment, hospitals and health systems are able to upgrade diagnostic capability, and patients benefit from increased accuracy in diagnosis, at a fraction of the cost of a new system. However, regulators, customers, and industry have lacked a common understanding of what constitutes good refurbishment practice, one that ensures the safety and effectiveness of refurbished medical imaging equipment.

The Medical Imaging & Technology Alliance (MITA), a division of National Electrical Manufacturers Association (NEMA), published NEMA/MITA 1 Good Refurbishment Practices for Medical Imaging Equipment to be a reference for anyone interested in refurbished medical imaging equipment. This standard lays out the basic requirements for a refurbishment process for medical imaging equipment that will not change the equipment's original intended use, safety profile, or performance.

NEMA GRP specifies the processes, documentation, standards compliance, and quality control measures necessary to ensure the safety and effectiveness of refurbished medical imaging equipment.



GRP means you can rest assured, because quality is assured

GRP ensures safety

By following Good Refurbishment Practices (GRP), the safety and effectiveness of used medical imaging equipment is comparable to new.

GRP lays out a systematic approach for refurbishment that mirrors the original equipment manufacturing process.

This means repairs, rework, installation of updates, and replacement of worn parts with new results in a level of safety and quality that you expect from new equipment.

✔ Standardized procedures

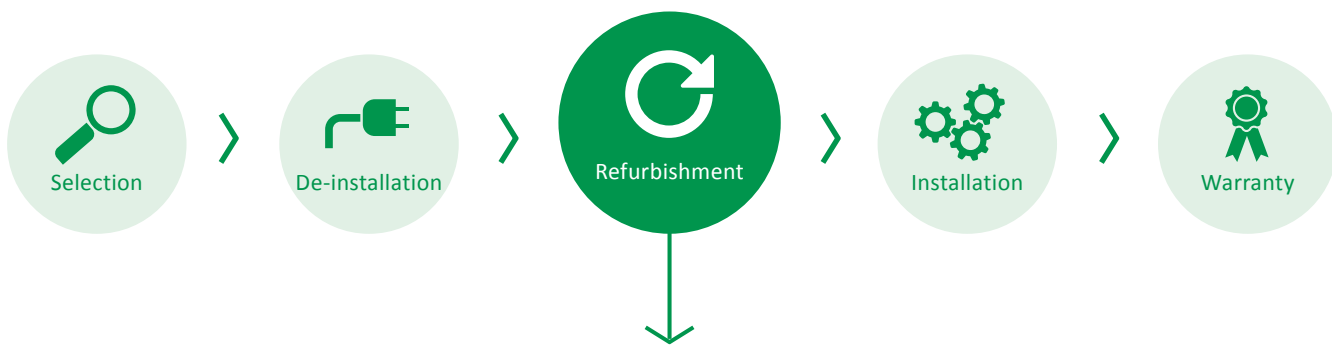
✔ Systematic approach

✔ Strict quality controls

✔ Safety and performance like new

Economical options to enhance patient outcomes

Refurbished imaging equipment is a practical way to upgrade diagnostic capability.



QUALITY FROM THE START

NEMA GRP starts with quality used equipment.

Only equipment with flawless maintenance, performance, and safety records is even eligible for refurbishment under NEMA GRP.

Trained technicians assess each piece of equipment for eligibility. Disassembly, packaging and shipment to the refurbishing facility are performed with the utmost care.

The same exacting standards for quality, professionalism, and dedication are followed every step along the way.

QUALITY REFRUBISHMENT

The NEMA Good Refurbishment Process incorporates certain dedicated activities and necessary resources.

All actions are performed in a manner consistent with product specifications and service procedures defined by the manufacturer. All steps in the process are performed by experts, trained using original manufacturer's specifications.

Refurbishment is thorough and well documented. Safety and quality are tested repeatedly.

QUALITY IN SERVICE

NEMA GRP results in refurbished equipment that will meet the exacting demands of healthcare providers.

Product customization, re-installation and training are done according customer needs.

Just like with new equipment, service will be made available in the market where equipment is sold.



COMPANY-SPECIFIC BRANDING

PHILIPS



GE Healthcare

**TOSHIBA
MEDICAL**

**SIEMENS
Healthineers**

Quality + Sustainability

Refurbishment of used medical devices contributes to the three pillars of sustainability:



SOCIETY

Refurbished medical devices are cheaper than new equipment. As health systems, payers, and hospitals continue to experience constrained budgets, refurbished devices are a very effective manner to maintain access to high quality healthcare for all patients.

Refurbished medical devices contribute to increased access to healthcare:

- 20%-30% reduced cost for healthcare providers, while ensuring safety and high clinical performances.
- Improvement of the age profile of installed equipment allowing hospitals with limited budget to substitute their old equipment.
- Increase in quality of healthcare and safety for patients due to the reduction of the obsolescence of installed equipment.



ENVIRONMENT

Reuse is considered the most effective way to prevent waste and to save resources and energy. By extending life-time of medical devices, refurbishment saves the resources need for manufacturing new devices and the related energy.



ECONOMY

Refurbishment supplies high quality medical devices at affordable cost for hospitals and healthcare providers.

Europe and North America account for 74% of the global market for refurbished medical devices.

Thanks to refurbished equipment citizens and patients have access to quality imaging and diagnostic services.



DON'T COMPROMISE ON QUALITY –
LOOK FOR THE NEMA GRP LOGO



About DITTA

DITTA is the global voice for diagnostic imaging, radiation therapy, healthcare IT, electromedical and radiopharmaceutical manufacturers to better communicate, coordinate and collaborate on matters of common interest between participating associations and member companies. DITTA enables participating associations and their member companies to work more effectively with international policymakers, organizations, professional associations and stakeholders.

Contact your nearest DITTA member organization for more information.

Learn more at www.globalditta.org