POTOMAC ELECTRIC CORP.

A ONE-STOP SHOP FOR
REPAIR, REFURBISHMENT AND REPLACEMENT OF MOTOR, POWER AMPLIFIERS AND ELECTROMECHANICAL COMPONENTS FOR
MEDICAL EQUIPMENT

■ **Radiology Equipment** employs precision-controlled electric motors, actuators, power supplies and amplifiers. CT Scanners, MRI systems, X-Ray machines, Nuclear medicine equipment — all rely on electric motors to position patients, rotate scanners and perform other functions.

■ **Clinical Medicine** has been using electric motors at a growing rate as well. Surgical tools, therapeutic exercise machines and treadmills, various pumps and hospital beds utilize motor control for their operation. These electric motors and controllers are very reliable, yet they also wear out and need service.

As an example, the Servo amplifiers on the right are used on GE Advantage CT scanners. Potomac Electric has refurbished the power amplifiers for many years, for both GE and other third party service organizations. After all, our engineers designed this product in the late1980s!

The GE Medical part numbers are:

46-296136P1   46-297910P1   46-218107P1

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OUR CAPABILITIES

Potomac Electric is an industry leader in aftermarket repairs for servo motors, drive electronics, and electromechanical assemblies used on radiology and clinical equipment.

Items we support are:

- **Servo Motors**
- **AC/DC Stepper Motors**
- **Large centrifuge and blood Pumps**
- **Servo drive Amplifiers**
- **Power Supplies**
- **MRI Gradient Amplifiers**
- **Gearboxes**

This motor is a Siemens part number 73330949 (or 5208629), used on an ECAM machine. Potomac Electric provides quality refurbishment of servos, steppers and gear motors used on any Radiology machine.

This gear motor is ADAC part number 21553258 and is also used on a Nuclear radiology machine.

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WHAT POTOMAC ELECTRIC CAN DO FOR YOU

- For nearly 20 years, Potomac Electric has helped OEMs, third party service organizations and Biomedical departments of hospitals to support out of warranty equipment while keeping maintenance costs low.

- Our Engineering expertise, quality and fast turnaround time is what we are known for in the industry.

- In the area of radiology, we support the repair of GE Medical, Pickers, Marconi (now Philips), Siemens, Toshiba, Hitachi and other manufacturers.

- For OEMs and large service organizations, we provide engineering and manufacturing service to supply fit form and function products as replacement for obsolete or too expensive to purchase products. Potomac Electric has developed replacements of Servo amplifiers for a Pickers CT scanner, an ADAC/Siemens ECAM motor-encoder replacement, a servo amplifier for GE Advantage, and others.

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PARTS INVENTORY

■ To better serve our customers, **Potomac Electric** is building a parts inventory featuring common and hard to find items. We understand that when a machine is down you need the part right away. The list is small but growing, as you, the users and service companies, help us with information and parts. In the end you will benefit by reducing the cost of maintenance of equipment.

■ All parts are shipped in good working condition with one year limited warranty.

■ The items listed below are the parts Potomac Electric has repaired, remanufactured or made replacements for over the years for our customers. Most of the parts are from GE Medical CT scanners. Some parts have GE part numbers, others do not. The list is just a beginning as we continue to add parts for other manufacturers of Radiology equipment as well as machines used in clinical engineering.

1156353 319A311	V06308AB02
5BCF56KB10A	MT3310-116HIE
46-178692 P1	M20025000031
46-278575P1	LBJ-096-720
46-296854 P1/P2	GNM3150-G2.6
46-329193P1	E6SA,86C435
46-327176G2	EC80-0007/EC82-50-5
P9183SB	E19-1/0642-01-010
156340	E19-2/0643-03-003
1293284	E02480441
1293297	9734H-1082-035
1293423	46-296136P1
	46-297910P1
	46-218107P1

PLEASE VISIT US AT:

Potomac Electric Corp.
www.potomacelectric.com

CALL US AT:

800-224-4712

OR SEND US AN INQUIRY AT:

http://www.potomacelectric.com/repairs/inquiries.htm

LOOKING FORWARD TO HEARING FROM YOU!