

MECHATRONICS SYSTEMS

a Potomac Electric Company

REPLACE DC MOTOR AND DRIVE IN
AXCELIS IMPLANTERS WITH A STATE
OF THE ART AC BRUSHLESS
SYSTEM

GSD CLASSIC, GSD100 and GSD200
Implanters employ DC Brush Motors and
Servo Amplifiers. Potomac Electric still
supports repairs of these systems, but
we now introduce a solution to
obsolescence and rising repair costs:

Meet the **MCS500**
A COST EFFECTIVE, RELIABLE
RETROFIT SOLUTION

Features and Benefits

- Fit Form and Function Replacement
- Do-It-Yourself Installation
- Short Down Time – less than a day required to install
- Maintenance-free operation

Installation in 4 easy steps:

- New motor – install as you would the old motor
- New drive amplifier - install in cabinet
- 2 new cables – install between motor and amplifier
- Turn Power on - verify the setting using the exact same procedure as for a DC belt drive system.

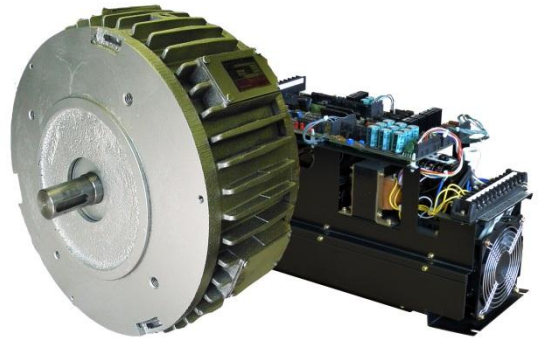
- **You're Done!**

We are proud to support the Semiconductor industry with the MCS500, a cost effective field solution for long-term maintenance and support.

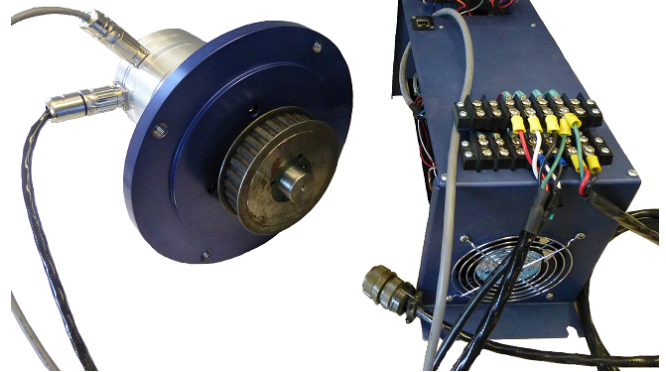
Contact our Application Engineers at <http://potomacelectric.com/repairs/inquires>
or call **800-224-4712**. We look forward to hearing from you!

Potomac Electric Corp., One Westinghouse Plaza, Boston, MA 02136

FROM OLD



TO NEW



IN LESS THAN A DAY

The **MCS500** is a high performance AC Brushless Servo System. Originally designed for military radar systems, it brings its reliability to modernizing GDS implanters. Improve the life cycle of your machine and save a lot of money!