



**Micus Real Time Software Inc.**

5863 Leslie St. Suite 127  
Toronto, Ontario  
M2H 1J8  
Canada  
Tel: (416) 493 3623  
Fax: (416) 502 9083  
www.micus.ca

## MICUS ALARM AND CONTROL SYSTEM (MACS) ROTARY TABLES



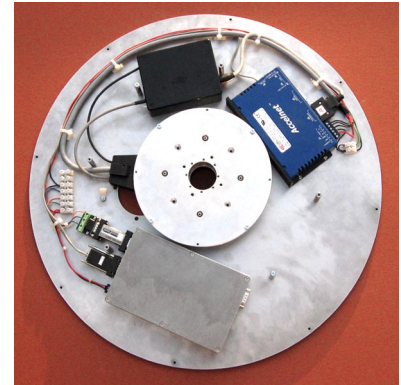
- Custom built for manufacturing and industry automation, automated testing, antenna positioning and similar applications
- High precision, with up to 0.001 degree accuracy
- Available as indoor and outdoor units
- Temperature range from  $-20$  to  $+70$  C
- Controlled by an indoor unit with the keypad and display, and by a PC or laptop
- Built-in GPS and digital compass allow automatic aiming to a given direction or geographic location, and dynamic tracking when mounted on a moving vehicle

Our rotary tables are used for variety of applications, such as industry automation, manufacturing, antenna positioning and tracking.



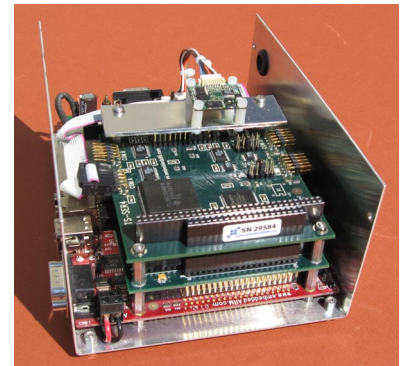
The heart of a rotary table is a motor, which is typically either a servo motor or a stepper motor. The motor is selected based on the operating environment, required accuracy, target price and other factors.

Most of our rotary tables have a built-in single board computer (SBC), which runs under the embedded Linux operating system. The SBC controls the unit and provides a range of communication options: RS232 and RS485 serial lines, radio modems, Ethernet LAN and wireless LAN.



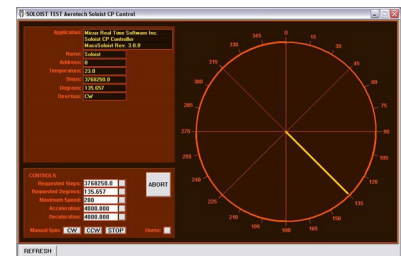
Our rotary tables are fully supported by *Micus Alarm and Control System (MACS)* software. MACS provides rotary table remote control from one or more computer workstations on your computer network.

In addition to remote computer control, we offer a control unit equipped with a keypad and display. The unit is suitable for mounting inside motor vehicles, or for outdoor use.



Our typical rotary table offers the following features:

- Accuracy up to 0.001 degrees
- The torque depends on the motor, selected to fit your exact requirements
- Operating temperature range from  $-20$  to  $+70$  C
- Positioning in degrees and in absolute steps
- Optionally equipped with the GPS and digital compass
- Dynamic aiming at the given geographical coordinates or compass heading
- Fully supported by Micus Alarm and Control System (MACS) software
- RS232 and RS485 communication over serial lines
- Radio modem communication over a serial line
- TCP/IP connections over the high speed Ethernet
- Optional wireless LAN support using a USB adapter
- Various power options: 12V, 24V or 48V DC, or 110V to 240V AC



Our rotary tables and associated software are built to order, per customer specifications.