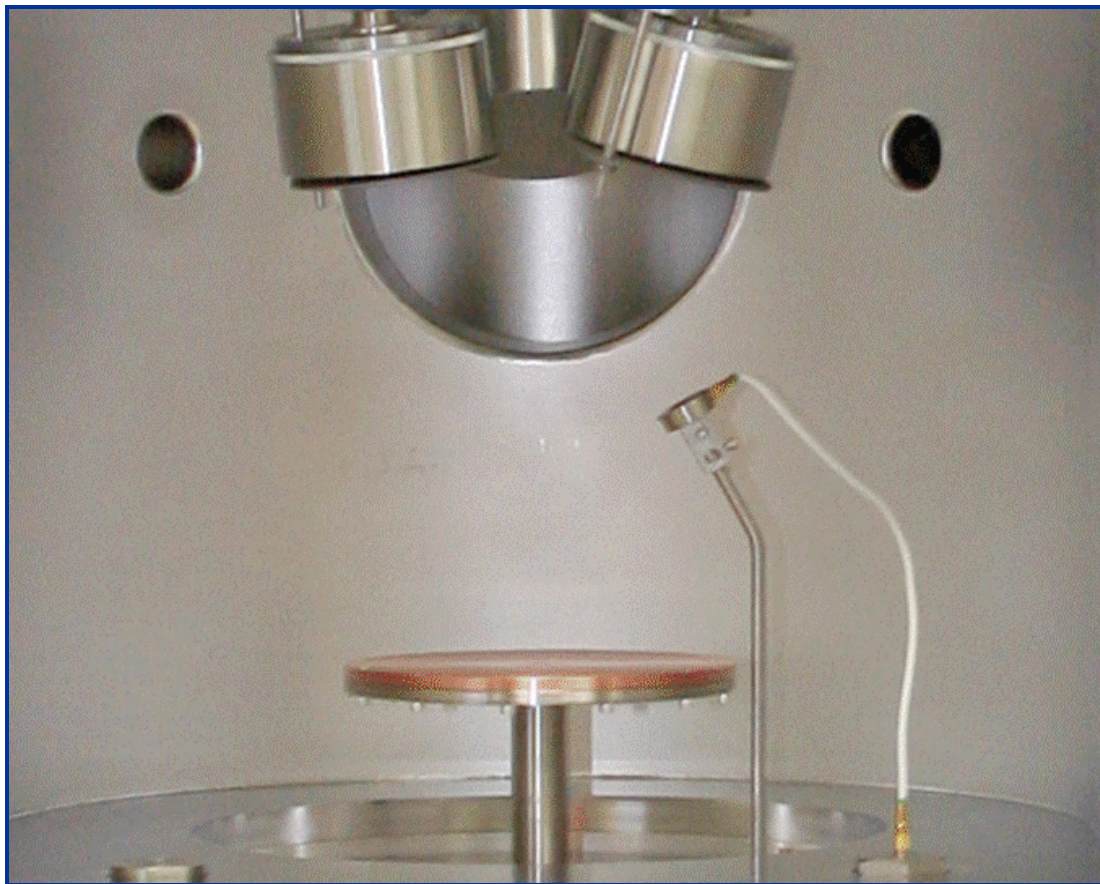


## **ROTATABLE and HEATED SAMPLE STAGE**



**Anatech USA has solved the problem of rotating and heating your sample specimen.**

**Our Ferro-fluid design enables the system operator to regulate the rotation speed and ramp temperatures to meet the requirement.**

**Integrated Control Loop permits parameter repeatability**

# Rotatable and Heated Sample Stage

Anatech USA's unique design incorporates all of the best components with control features required by today's demanding researchers.

High quality components by industry leaders like Ferrotec, Moog, Minco, Omega and Watlow, ensures long and dependable service.

Control features enable the research operator to adjust the revolutions and temperature while the system is in operation. The stage's operational data is visible on an easy-to-read digital display.

## ROTATION

Rotation is adjustable from 0 to 20 RPM

Ferro-fluid rotary electrical interface capsule perfectly accommodates unrestrained, continuous rotation while transferring power and/or data from a stationary to the rotating structure.

## HEATING

Flexible resistive heater element provide significant advantages over conventional heating elements. Flat foil elements transfer heat more efficiently over the surface area reducing the thermal gradient between the resistive element and the heat sink . The result is higher allowable watt densities, faster warm-up and prolonged heater life.

## TEMPERATURE

Heat is variable from ambient to 200° C

Rugged Platinum-ceramic RTD heat sensors are a major advancement in thin-film sensor technology. Constructed in a similar manner as integrated circuits results in a rugged, ceramic-encased package that produces accurate measurements.

## CONTROL

EZ-Zone™ ST Integrated Control Loop provides total thermal system control. Solid state controller offer a complete thermal control in a single package. Temperature accuracy is ±0.1 percent.

Available in two optional packages: Independent control box for retro-fit applications or integrated into a 5.25" electronic half-rack panel (5.25" x 9.5").

## CALL ANATECH USA TODAY TO DISCUSS YOUR APPLICATION

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