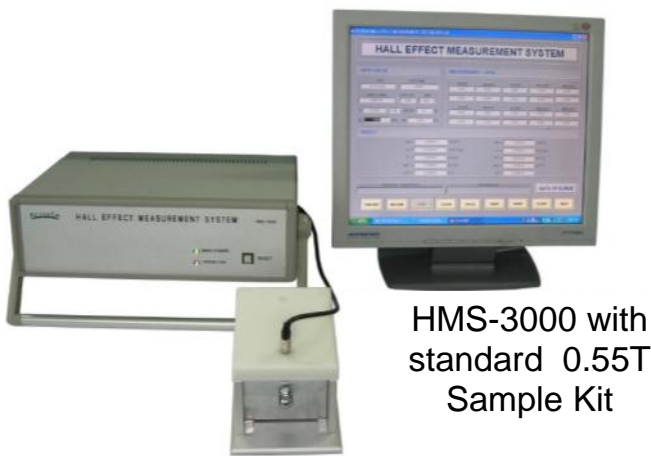




# 300°C Heated Stage / 0.55T Sample Kit for the Ecopia HMS-3000 Hall Measurement System



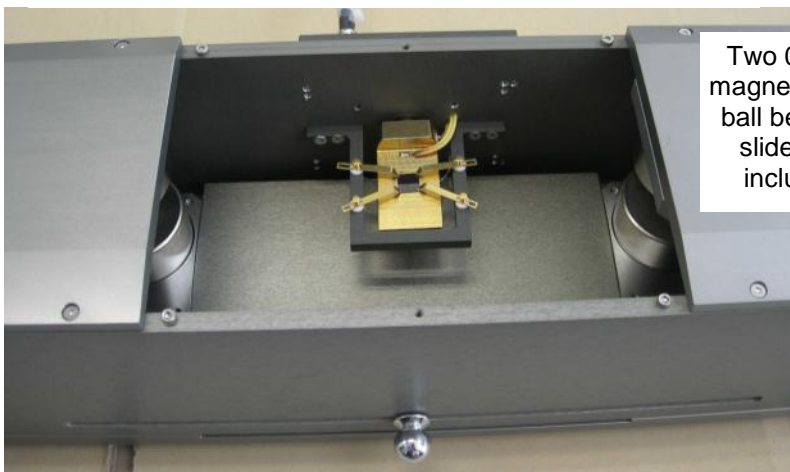
HMS-3000 with  
 standard 0.55T  
 Sample Kit

Ecopia offers a heated stage sample kit option for the HMS-3000, complete with two 0.55T magnets on a ball bearing slide. The heated stage includes a 0.1°C resolution temperature controller that can heat samples from ambient to 300° centigrade. The heating ramp rate is from ambient to 300°C in 30 minutes. Cooling time from 300°C back to ambient temperature, also in 30 minutes. The kit includes two 0.55T magnets on a ball bearing stage which essentially provides the same benefits as the [MP55T Easy-Slide Sample Kit](#), but with the addition of heating capability.

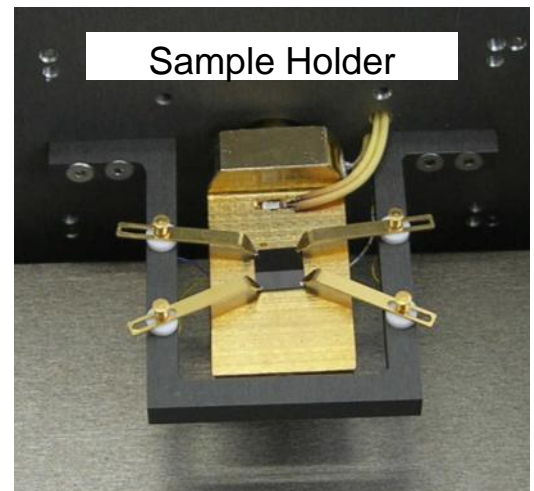
The software included with the HMS-3000 does not have the ability to control the temperature as does the [Ecopia HMS-5000 Hall Effect Measurement System](#) does, nor does the addition of the heated stage provide the plotting of temperature vs. resistivity, temperature vs. mobility, temperature vs. carrier concentration, etc., as the HMS-5000 does. However, the HMS-3000 software does include a field in which the user can specify the temperature at which a particular measurement was made. The temperature is set manually and controlled via the digital controller. The heated stage option is compatible with existing HMS-3000 systems or as an option on new systems.



300°C Heated Stage Option for the HMS-3000



Two 0.55T  
 magnets on a  
 ball bearing  
 slide are  
 included



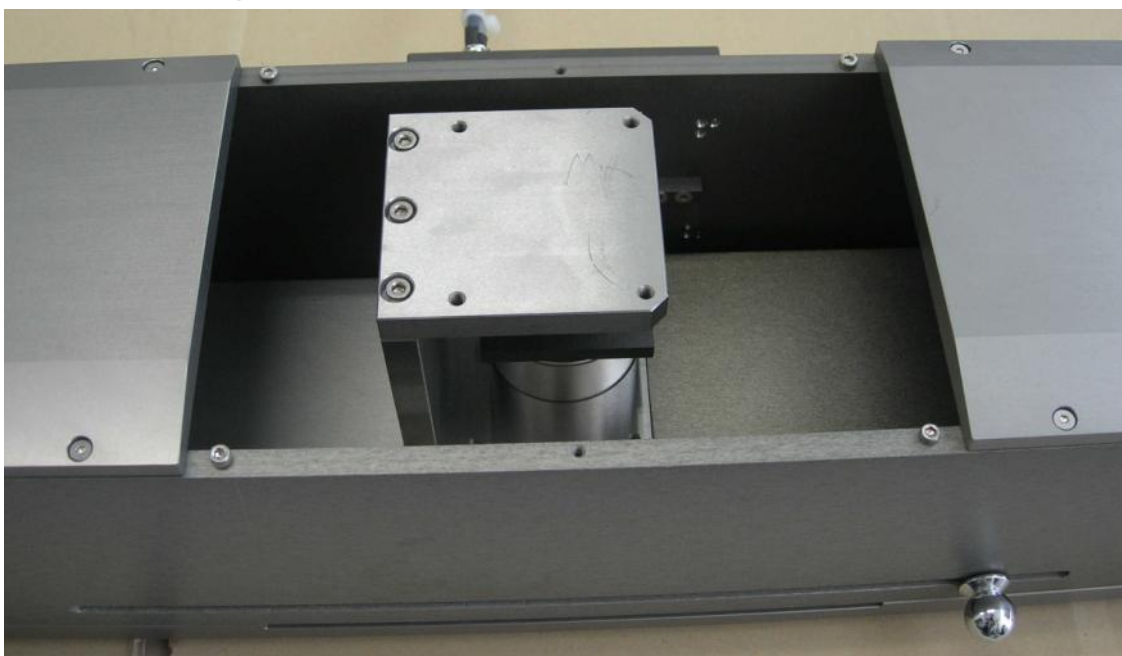
Sample Holder

Continued  
 On Page  
 Two

**Ambient to 300°C Sample Kit which includes two 0.55T magnets. Shown with top cover on.**



**Magnet Introduced from North to South Polarity**



**Magnet Introduced from South to North Polarity**

