

## Temperature Characteristics Measurement Option

Low Temp.



High Temp.

**-55°C to 200°C Thermo-Streamer system**

For High speed characterization on semiconductor devices at wide temperature range



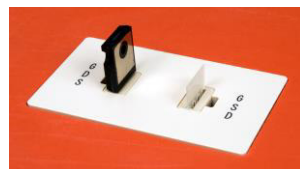
### Full automatic temperature characteristics measurement

Interlock function equipped with optical sensor for door closing switch

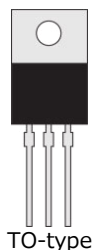
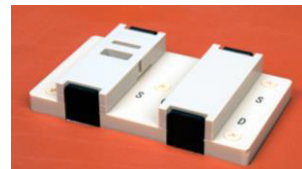
**CS-810 Semiconductor Parameter Measurement software**  
Controls Curve tracer, Thermo-streamer and scanner system in fully automated to enable temperature characteristics evaluation efficiently.



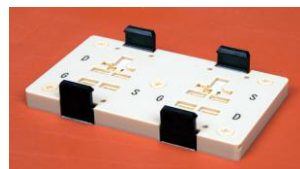
Example of package types  
(Please contact us for the other packages)



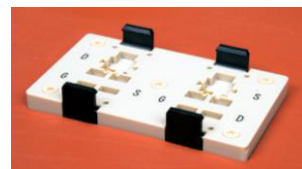
TO-type



TO-type



TO-252



TO-263



TO-263

Gate resistance selecting switch

Gate-Sense on/off switch

### Temperature Test JIG for TO type packages

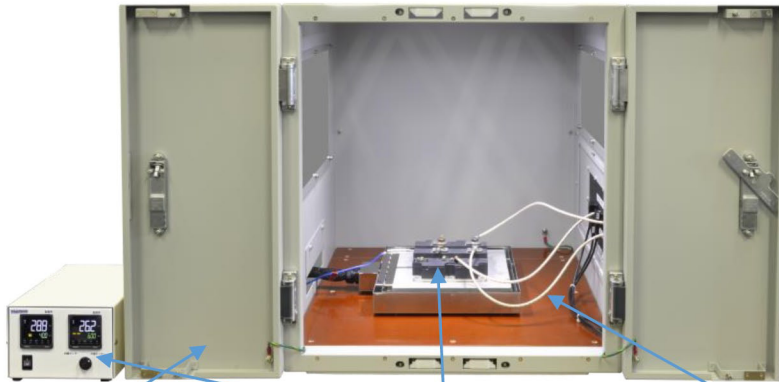
Room Temp.



High Temp.

# Hotplate system for room temperature to 400°C

Recommended for Room temperature to high temperature characterization with hotplate system



Full automatic temperature characteristics measurement



● **TEST FIXTURE L**  
 CS-307H (for CS-5400)  
 CS-307 (for CS-3000/5000 series)  
 Dimension :  
 500w×520H×520D(mm)  
 c/w : Interlock function, Prober  
 cable Usable with CS-700 Scanner  
 system

● **Hot plate PA3020/PA3040**  
 Max. Temp. : 300°C  
 Temp. monitor by external temp.  
 sensor, I/F at RS485 basis  
 CE conformed  
 (Accessories : Temperature controller  
 box, Temperature sensor, RS485-USB  
 converter)  
 – Dimensions of hotplate –  
 PA3020 : 200×200(mm), Power  
 consumption : 800W  
 PA3040 : 200×400(mm), Power  
 consumption : 1500W

● **Temperature withstand cables**  
 Orderable : RUG, Banana plug,  
 Crocodile clip, etc. and length



High temp. cable for HVHC (400°C, 5kV, 1500A)



High temp. cable for HV (400°C, 5kV)

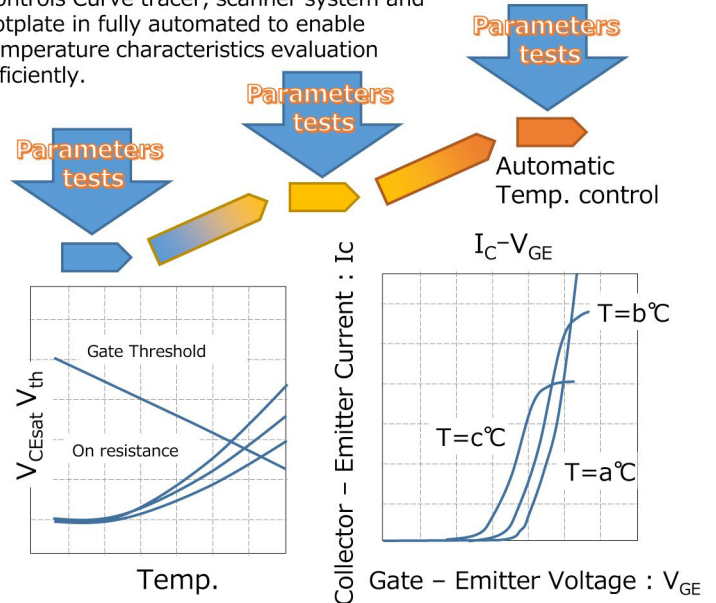
## Full automatic temperature characteristics measurement

Connection example in Fixture(prober cable : CS-307)



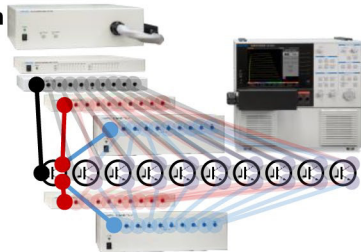
### CS-810 Semiconductor Parameter Measurement software

Controls Curve tracer, scanner system and hotplate in fully automated to enable temperature characteristics evaluation efficiently.



### CS-700 Scanner system

Automatically switching DUT(device under test) such as modules and multiple discrete devices



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