

# KT Series

## Thermal Resistance Tester

Applicable Devices Transistor Diode MOSFET IGBT

### 4314-KT 4324-KT 4334-KT

The KT series testers measure thermal resistance characteristics of transistors, diodes, MOSFETs and IGBTs. It can also measure the Safe Operation Area of these devices. Contact check is pretested to ensure high reliability. The tester is equipped with device protection circuit to prevent device damage at the start of an avalanche.

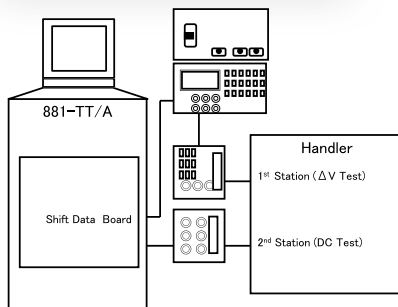
#### Feature

- Available to have multi test condition at one test start
- Max 60 test program memory capability
- Contact check/Short Check
- Oscillation Detection/Device Protection Circuit
- Available to integrate the tester into our DC tester

#### Optional Software

- KT Control Software  
(KT STATION, KT CURVE)

#### Hardware Configuration



4324-KT

MODEL	4314-KT	4324-KT	4334-KT
Forcing Voltage VCB/VDS	1 ~ 200V		
Forcing Current IE/IDS	0.01 ~ 40.00A	00.001 ~ 50.000A	0.01 ~ 10.00A
Measuring Current IM	1 ~ 100mA	1 ~ 100mA 1 ~ 400mA(Δ VCE)	1 ~ 100mA
Power Forcing Time (PT)	300us ~ 9.99s		300us ~ 400ms
Delay Time (DT)	10 ~ 999us		
Lower Limit	000.0 ~ 999.9mV/0000 ~ 9999mV		
Upper Limit	000.0 ~ 999.9mV/0000 ~ 9999mV		
Measurement Range	VBE1/VDS1/VGS1/VF1/[VCE(4324-KT)] : 0000 ~ 9999mV Δ VBE/ Δ VDS/ Δ VGS/ Δ VF/[Δ VCE(4324-KT)] : 000.0 ~ 999.9mV (Resolution 0.1mV) 0000 ~ 9999mV (Resolution 1mV)		

\*For details, please refer to the standard specification sheets of each product.