Model KT-F313
The KT-F313 thermocouple comparison calibration equipment is for calibration of temperature from 600ºC to 1400ºC. The equipment using a horizontal tubular furnace with 60mm aperture has excellent stability and temperature distribution by controlling the furnace divided into 3 zones. The R type thermocouple (Model C800-35 sold separately) and the B type thermocouple (Model C800-65 sold separately) is prepared as a standard sensor.

GENERAL SPECIFICATIONS
Temperature range: 600 to 1400ºC
Number of calibrated sensor: 3 to 10 pcs/calibration
  (Depends on sensor diameter.)
Furnace body: Horizontal tubular furnace
Heater material: SiC
Furnace tube dimensions: Diameter 60mm, length 800mm
Temperature control: 3 zones division, PID constant control
Heating time: Room temp to 1400ºC (approx 3 hours at no load)
Temperature distribution: 5ºC p-p at 200mm of furnace tube center
Temperature stability: 0.3ºCp-p/5 min
Temperature monitoring: 1-pen 100mm chart recorder (with high alarm)
Power supply: Three-phase 200V AC 20kVA for load
  Single-phase 100V AC 0.5kVA for instruments
Weight: Approx. 580kg
Working temperature: 0 to 40ºC
  (Performance guarantee at 23ºC±5ºC)
Safety system: By upper limit temperature alarm, load power is turned off, then buzzer sounds and lamp indicates.
CE approval: Not available