

Comparison Calibration Equipment (Horizontal Furnace)

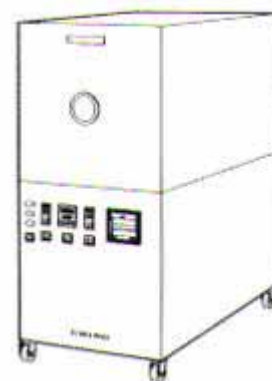


Model KT-F313

The KT-F313 thermocouple comparison calibration equipment is for calibration of temperature from 600°C to 1400°C. 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 1400°C
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 1400°C (approx 3 hours at no load)
Temperature distribution:	5°C p-p at 200mm of furnace tube center
Temperature stability:	0.3°Cp-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 40°C (Performance guarantee at 23°C±5°C)
Safety system:	By upper limit temperature alarm, load power is turned off, then buzzer sounds and lamp indicates.
CE approval:	Not available



Specifications subject to change without notice. Original 2005.01

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