

Comparison Calibration Equipment (Vertical Furnace)

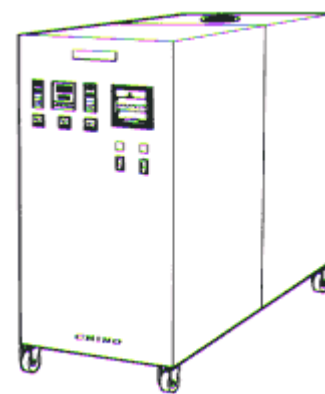


Model KT-F312

The KT-F312 thermocouple comparison calibration equipment is for calibration of temperature from 200°C to 1100°C. The equipment using a vertical tubular furnace with 80mm aperture has excellent stability and temperature distribution by controlling the furnace divided into 3 zones. As the aperture is large, the calibration of sensors with large protective tube diameter is possible. The R type thermocouple (Model C80-35 sold separately) is prepared as a standard sensor.

■ GENERAL SPECIFICATIONS

Temperature range:	200 to 1100°C
Number of calibrated sensor:	3 to 10 pcs/calibration (Depends on sensor diameter.)
Furnace body:	Vertical tubular furnace
Heater material:	Kanthal A1
Furnace tube dimensions:	Diameter 80mm, length 800mm
Temperature control:	3 zones division, PID constant control
Heating time:	Room temp to 1100°C (approx 2 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:	Single-phase 200V AC 3.5kVA for load Single-phase 100V AC 0.5kVA for instruments
Weight:	Approx. 220kg
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

CHINO CORPORATION

32-8, KUMANO-CHO, ITABASHI-KU, TOKYO 173-8632
PHONE: +81-3-3956-2171
FAX: +81-3-3956-0915
E-mail: inter@chino.co.jp
Website: <http://www.chino.co.jp>