



Description

This is the main oven thermostat is a measure of rubber, plastics, coatings, wire and wire aging conditions.

This method measure the air change rate of the std type oven as follows:

$$N = 3590(X-Y) / V * D * \Delta T$$

where:

N: number of change of air per hour

X: Power consumption during air change (W)

Y: Power consumption during no change (W)

V: Total volume of oven (cm³)

D: Density of oven ambient air (g/cm³)

ΔT: Temperature difference inside/outside oven (°C)

Functions

The Air Exchange Regulation device, digital voltmeter, galvanometer, watt hour meter and timer are equipped on the chamber as the testing rules to meet the air exchange rate testing method.

Correlative Standard

JIS-K7212 K6723 A5756 ASTM-D2436 D573D
UL-7468 IEC540

SPECIFICATIONS

MODEL	CKA-100CSE	CKA-150CSE
Interior dimension (W×H×D)cm	45×50×45	50×60×50
Exterior dimension (W×H×D)cm	111×140×73	116×150×78
Temp. range	50°C~200°C (300°C)	
Temp. constancy	±1.0°C	
Temp. uniformity	50~200°C→±2.0°C 200~300°C→±3.0°C	
Heating up time (Ambient to 200)	approx. 50min (non load)	approx. 70min (non load)
Test jog revolving speed	8~10rpm (1~10rpm)	
Air change rate	1~10 times/hour 10~200 times/hour	
Power	1ø 2W 220V 60HZ (50HZ)	