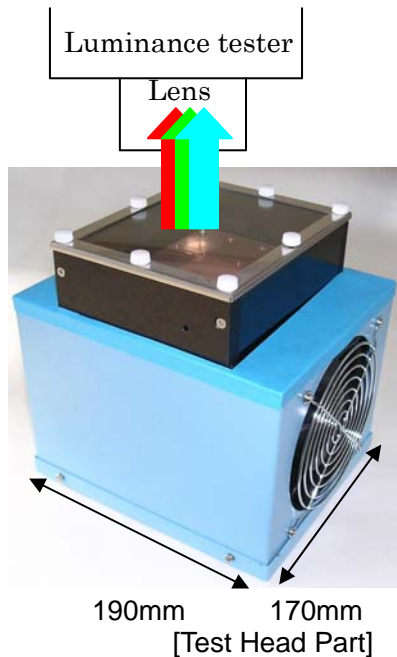


# -40 degree C to +150 degree C Compact Temperature Chamber for Light Emitting Element

RK-10207P

K40403



This Compact Temperature Chamber RK-10207P allows the user to make the target light emitting element hot or cool up to the specified temperature and keep the temperature. It is best suitable to test light emitting display panel, test element such as LCD, OLED and LED, and large scale IC module and others.

- 1) Supporting element size : 100x70mmMAX
- 2) Controlled temperature range ;  
V1) -40 to +150 degree C (consult on range)  
V2) RT to +200 degree C
- 3) 200 degreeC Max makes all users' lifetime test of IC and light emitting element easier.
- 4) Light Penetrating style and large area : Light can be come out through from the top glass with large size. This is very new and much different feature from the conventional temperature (and humidity) chambers. This allows the user to very easily measure the light luminance strength and various characteristics with changing temperature and power supply conditions.

[Size] Test head:170Wx190Dx200Hmm, Controller:300x250x120mm

[Speed] +25 to 100dC: 20minutes, 100 to +25dC: 15minutes

Compact Temperature Chamber RK-10207P is unique designed and consists of Cool and heat test head RK-10205 and temperature controller RK-10203. The test head part is shown above. ( Controlled temperature range is the surface temperature of metal test head when working only with itself. It is sometimes different when installing the target element.)

Temperature is specified from host PC and it is realtime displayed either on itself or on PC and logged on PC.

Applications : 1) Light emitting element Temperature characteristics test with OLED characteristics tester RK-10044 and LCD tester,

2) Life Time Accelerated test with combining Lifetime tester RK-10046,

3) Various temperature test with OLED Aging power supply RK-10247S.

Multiple panels can be temperature-luminance tested independently and simultaneously by installing the necessary number of RK-10207P on a large X-Y stage and using only one luminance meter with low cost.

Temperature range and supporting area size can be customized.

**Risoh Keisoku K.K.**

31 Shibo-kuchi, Takatsu-ku, Kawasaki-shi, Kanagawa, Japan

Tel:81-44-750-2888 Fax:81-44-777-3303

E-mail: [info@risohkeisoku.com](mailto:info@risohkeisoku.com) URL:<http://www.risohkeisoku.com/>