

INSULATION BOX 220MM-850°C

CX2400

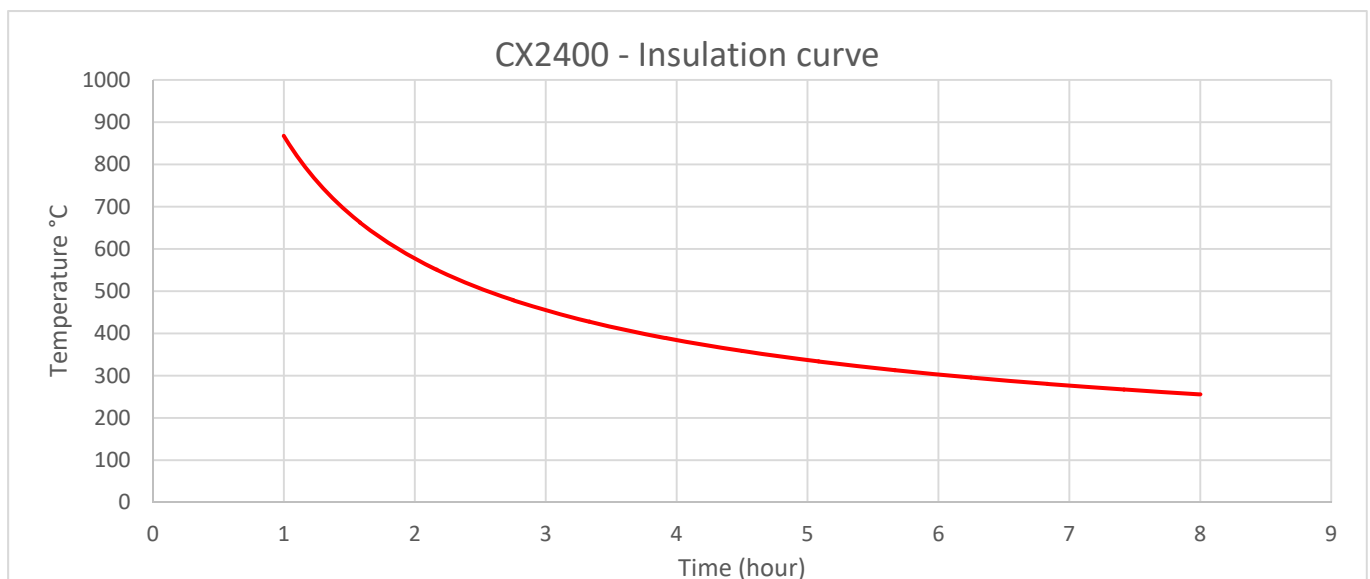
DATASHEET

PRODUCT DESCRIPTION

A high quality insulation box with outer shield of high-grade stainless steel. The high-grade stainless steel inner box is shielded with a carefully formulated mixture of insulation material, which makes the combination suitable to resist high temperatures for long time.

**TEST CONDITIONS**

Tested in combination with the energy absorber CX2405 (high density energy-collecting media) with a start temperature of 20°C (68°F).

SPECIFICATIONS**APPLICATION**

The CX2400 in combination with the CX2405 can be used in all type of ovens, excluding induction, dark wave, or below infra-red ovens, which do not exceed the temperature of 850°C (1562°F).

Make sure the insulation box lid closes firmly by adjusting the hinge closing force with the two hexagonal socket screws inside the hinge on a regular basis. This will prevent thermal leakage through gaps between the lid and the insulation box and ensure the time at temperature specifications can be met.

Before starting a measurement the temperature of the heat absorber shall be set to 20°C (68°F) or lower. Due to the enormous temperature difference between the inside and the outside of the box during curing, the humidity at the inside of the box will condense, a physical symptom that may result in water (drops) in the box.

It is recommended to remove the lid and heat up *insulation box with lid to a temperature of 150°C (320°F) during a period of 120 minutes prior to use. This will evaporate the excess of water in the insulation material, after the evaporation cycle keep the insulation box (with the heat absorber inside and the lid closed) dry in a sealed plastic bag.

*WARNING: Always remove the heat absorber from the insulation box during the above mentioned evaporation process, not doing so will severely damage the used materials.

In order to protect the CurveX against the excess of condensation put the instrument inside one of the included plastic bags to avoid moisture entering the instrument.

ADDITIONAL INFORMATION

Dimensions: Height: 250 mm (9.8 inch)
 Length: 540 mm (21.3 inch) + 60 mm (2.4inch) - handles
 Width: 360 mm (14.2 inch)
 Weight: ±26300 gram (928 ounce) + 5640 gram (199 ounce) heat absorber

Materials: Box: Stainless steel 316 (UNS S31600)
 Insulation: Microporous insulation board
 Finishing: Glass fleece cloth

SAFETY PRECAUTIONS

- Wear insulated gloves when handling the insulation box CX2400.
- Do not exceed the specified time at temperature limits in order to protect the equipment.
- Take care when handling the hinges of the lid, high pressure on the gasket may force the hinge to open with great force.
- In order to avoid thermal deformation the insulation box shall be cooled down slowly and gradually, preferably hanging or put on a stand with few contact with the insulation box during the cool down process.
- Do not overheat, crush, puncture, or otherwise damage the energy absorber CX2405, this may result in leakage or explosion.

DISCLAIMER

The right of technical modifications is reserved.

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