

SHT 150

SELF-HEATING SUBSTANCE APPARATUS

The SHT 150™ (Self Heating Substances Tester) is used for determination of a substance's self-heating characteristics. The SHT 150 analyses exothermal decomposition of a sample being directly exposed to hot air. Substances with self-heating potential can self-ignite even at moderate temperatures when stored in large amounts over long periods of time.

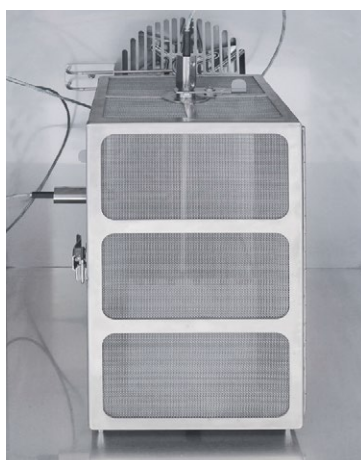


APPLICATIONS

The SHT 150 is applied for the characterization of flammability of solid substances and/or mixtures, necessary for their transport classification according to the UN standards.

ADVANTAGES & FEATURES

- ▶ Reusable testing container
- ▶ Stand for mounting the thermocouple in a defined position in the container
- ▶ Accuracy of temperature: ± 2 °C
- ▶ Different sample volumes: (typically 15.63 cm³ and 1,000 cm³)
- ▶ An observation port in the oven allows for optical control
- ▶ Software evaluation of temperature records



COMPLIANCE

- UN Recommendation on the Transport of Dangerous Goods, Manual of Tests and Criteria, [Test N.4]
- European agreement concerning the international carriage of dangerous goods by inland waterways (ADN) (2017)
- Convention concerning International Carriage by Rail (COTIF) Regulations concerning the international carriage of dangerous goods by rail (RID) (2017)



OZM Research s.r.o.

Bliznovice 32, 538 62 Hrochuv Týnec

CZECH REPUBLIC / European Union

Mobile: +420 778 456 409

E-mail: ozm@ozm.cz

www.ozm.cz