

CTL17 Oxidising Solids Test Apparatus

Tests the potential for burning rates and intensity to increase when two solids are mixed together

The Oxidising Solids Test Apparatus is designed to test for the potential of a solid substance to increase the burning rate, or burning intensity, of a combustible substance when the two are thoroughly mixed. The test is to the UN Transport of Dangerous Goods Manual of Tests and Criteria (Test 0.1) and is used to establish whether a product is an oxidizer of division 5.1 or not and, if so, whether it falls into packing group I, II or III.

Functional Specification and Deliverables

- > Mains supply: 220 - 240 V or 120V mains inlet / 12 V d.c output 150 W hot coil power source
- > 1 x glass conical sample loading chamber (glass blown with 60° angle for optimal powder cone forming as per test standard requirements)
- > 1 x insulated quartz plate
- > 1 x roll 100 m NiCr wire (0.5 mm diameter)
- > 1 x stop watch
- > 1 x instruction manual

Optional Extras

- > Spare nickel chromium wire
- > Quartz plates
- > Glass sample loading chambers

Benefits:

- > Tests to the United Nations Transport of Dangerous Goods Manual of Tests & Criteria (Test 0.1)
- > Compact size
- > Nickel Chromium wire easily changed
- > Simple to use



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