



Introduction

Name: ZL-3047A Rubber Plastic Oxidation Induction Time (OIT) Tester



Specification:

Touch screen type Special test oxidation induction period

Technical Feature:

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Address: No.62, Xinhe Management of Area, Wanjiang District, Dongguan city, Guangdong province ,China



- Wide screen touch structure of industrial level, rich display information, including the set temperature, sample temperature, oxygen flow rate,
Nitrogen flow, differential thermal signals, all kinds of switch state, flow goes to zero.
- USB communication interface, generality is strong, reliable communication don't interrupt, support the restore connection function.
- Furnace structure is compact, arbitrary adjustable cooling rate.
- Improved installation process, all adopt the machinery fixed way, completely to avoid contamination of furnace inside colloid to differential thermal signal.
- Double temperature probe, make sure the height of the sample temperature measurement repeatability. Temperature sensor is installed on furnace walls all the way, used for PID control of the furnace body temperature, but due to the temperature of thermal inertia, conduction to the temperature on the sample have some deviation, and deviation degree of spring, summer, Autumn, winter is different, therefore, with one temperature probe temperature control and temperature measurement, differential thermal signals and temperature signals, the error is larger; The instrument in the bottom of the sample how to install a temperature probe, used to measure the real temperature of the sample, and used our special temperature control technology, control the temperature of furnace wall temperature to reach the set temperature.
- Digital gas mass flowmeter atmosphere automatic switching two way traffic, fast switching and stable time is short.
- Standard standard samples, convenient customer constant temperature correction coefficient.
- Software adaptive resolution of computer screens, each software automatically according to the computer screen size to adjust the curve display mode. Support for notebook, desktop; Support the Win2000, XP, VISTA, Windows 7 operating system, etc
- Support user programming procedures, to achieve fully automated measuring step. Software provides dozens of commands, users can according to your own measurement steps, and combined the orders, and save. Complex operation is simplified into a key operation.

Technical Parameter:

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- 1 Temperature range: room temperature ~500°C
- 2 Temperature resolution:0.01°C
- 3 Heating rate:0.1~80°C/min ;
- 4 Temperature control mode:; rise in temperature ;
constant temperature (Programs control automatically)
- 5 DSC range:0~±500mW
- 6 DSC resolution:0.01mW
- 7 DSC sensitivity:0.1mW
- 8 Working power supply:AC 220V 50Hz or custom-made
- 9 Atmosphere control of gas :nitrogen ;oxygen (instrument changes
automatically)
- 10 Gas flow:0-200mL/min
- 11 Gas pressure:0.2MPa
- 12 Accuracy of gas flow:0.2mL/min
- 13 Matching crucible:Alumina crucible Φ6.7*3mm
- 14 Parameter standard: equipped with standard material(indium ,tin, zinc) the user can correct the temperature and enthalpy
- 15 Data interface:standard USB interface
- 16 Display mode: 24bit color 7 inch LED touch screen display
- 17 Output mode:computer and printer

Configuration:

Model	quantity	unit
DSC	1	SET
Aluminum crucible	300	PCS

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Standard test samples (indium, tin, and zinc)	1	Part
power wire and USB	1	PCS
Software CD	1	PCS
tweezers	1	PCS
Medicine spoon	1	PCS
Custom valve connector	2	PCS
Oxygen and nitrogen gas duct	5	Meter
quick coupling	2	PCS
Soft dog	1	PCS
Fusing glass fuse	4	PCS

Product Size:

Product weight:23 kg

product dimensions: length 45 cm * 30 cm * 27 cm

aluminum box size: 41 cm * 30 cm * 53 cm

paper box outside wrapping paper box size: 50 cm * 60 cm* 39 cm

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