

TP-525Z Automatic Gasoline Oxidation Stability Tester



Overview

This instrument is designed and manufactured in accordance with the requirements of the People's Republic of China standard GB/T 8018-87 "Gasoline Oxidation Stability Determination Method (Induction Period Method)". It is suitable for determining the oxidation stability of gasoline under accelerated oxidation conditions in accordance with the GB/T 8018 standard.

Main technical parameters

1. Power supply: AC220V \pm 5%, 50Hz。
2. heating power: 2000W
3. Pressure measurement range: (0~1600)kPa, Precision: \pm 2‰。
4. Temperature range and accuracy: room temperature \sim 100.0 $^{\circ}$ C \leq \pm 1 $^{\circ}$ C
5. Test form: Two-bomb design, two samples can be made at the same time, parallel test.
6. Ambient temperature: \leq 30 $^{\circ}$ C
7. Relative humidity: \leq 85%

Main feature:

The instrument is mainly composed of a metal bath, an oxygen bomb assembly and an oxygen bomb support, a gas circuit controlled by a solenoid valve, a color touch screen human-computer interaction system and a printer system.

The instrument comes with a 5.7-inch color touch screen, which can display the temperature and pressure curve of the sample in real time. The user can set the pressure of the sample in real time, or modify the time of the instrument, and various parts of the self-checking system. The instrument has a built-in 64M NAND FLASH, which can store the test results. With an embedded system design, users can view historical data and use the printer on

the instrument to print the results.

Instrument configuration:

No	Name	unit	qty	remark
1	printer paper	roll	1	
2	Test oxygen bomb assembly	set	2	
3	Special glass mercury thermometer for induction period	pc	1	93-102℃
4	Glass test bottle and cap	set	2	
5	Special wrench	pc	1	

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