



TRYTE TECHNOLOGY (H.K.) LIMITED
Tryte Instrument Manufacture Co.,LTD
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1、Copper Strip Corrosion Tester



Summary

The instrument is designed and made as per national standard of People's Republic of China GB/T 5096 Standard Test Method for Detection of Copper Corrosion from Petroleum Products by the Copper Strip Tarnish Test and ASTM D130 Standard Test Method for Detection of Copper Corrosion from Petroleum Products by Copper Strip Tarnish Test. It is suitable to determine the corrosiveness to copper of aviation gasoline, aviation turbine fuels, automotive gasoline, tractor fuels, washing solvent, kerosene distillate, lubricating oil, and other petroleum products. The instrument has functions of temperature controlling, automatic timing and alarming.

I. Main technical features

1. It adopts LCD temperature controller, heater and electric stirrer to form the constant bath. The temperature in bath is uniform. The temperature controller has timing function. It can control the test time and automatically timing. There will be alarm when finished.
2. The instrument has four sample holes. One bomb or three tubes can be put in each hole to be determined. The test efficiency is high.
3. The instrument equips a standard color board imported from USA. It can meet requirements of test method.

II. Main technical specifications

1. Power supply: AC(220±10%)V, 50 Hz
2. Total power consumption: ≤1800W
3. Temperature sensor: RTD, Pt100
4. Temperature range: Ambient to 100 °C, can be set at will
5. Temperature control accuracy: ±1 °C
6. Time controlling range: 1 minute~24 hours, can be set at will.
7. Sample testing positions: Four positions
8. Sample quantity at one test: 4 pieces~12 pieces
9. Ambient temperature: 15°C~35°C
Relative humidity: ≤ 85%
10. Dimension: 440mm×330mm×560mm
11. Net weight: 16kg.

Accessories:

I,TR-TC-5096A Copper Strip Corrosion Tester Accessories and Documents List

No.	Name	Unit	Qty	Memo
1	TR-TC-5096A Copper Strip Corrosion Tester	Set	1	
2	Test bomb bracket	Piece	2	
3	Test tube bracket	Piece	2	
4	Copper strip	Piece	8	
5	Test tube	Piece	8	
6	Test bomb	Piece	2	
7	Observation tube	Piece	5	
8	Grinding device	Piece	1	
9	Thermometer 0℃~100℃, scale division is 0.5℃	Piece	1	
10	3 # Silica gel plug	Piece	1	
11	Temperature sensor	Piece	1	
12	Fuse 10A (Φ5×20)	Piece	2	
13	"O" type ring (Φ40mm×3.5mm, Φ42mm×3.5mm)	Piece	Each 2	
14	Standard color board	Piece	1	
15	Stopping ring for thermometer (1 #)	Piece	4	
16	Stopper of test tube	Piece	8	
17	Operation manual	Piece	1	
18	Temperature control device usage manual	Piece	1	
19	Quality Certificate	Piece	1	
20	Repair Guarantee	Piece	1	

II,TR-TC-5096A Copper Strip Corrosion Tester's Reagent and Auxiliary Equipments

No.	Name	Specification	Quantity	Memo
1	Petroleum ether 90-120℃	Analytical pure 500ml	1 bottle	
2	Silicon carbide or aluminium oxide abrasive cloth	240 granularity	10 piece	
3	Silicon carbide or aluminium oxide sand grain	150 section	10 piece	
4	Quantitative filter paper		1 box	Absorb and dry the solvent of copper residuary
5	Degreasing cotton		Some	used to block the observation tube
6	High type beaker	150ml	2 piece	to store the degergent,test sample and copper
7	Stainless steel tweezers		1 piece	

Notes:

- 1、The reagent and equipments for installing the instrument are supplied by end-users themselves.
- 2、The usage,management and saving of poisonous and harmful reagent,pls operate according to the relative principle.
- 3、PLS read the operation manual and industry standard before using the instrument.

Product Package:

PACKING PROCESS

Deliver with care - High quality modular packaging ensure goods safety.

01.



02.



03.



04.



05.



06.



07.



08.

