



Copper Strip Corrosion Tester

The instrument is designed and made as per GB/T 5096 ASTM D130 . 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.

Model: CSC-R3

I. Technical specifications

- 1. Applicable standards: GB/T5096, ASTM D130, ISO2160, DIN51789
- 2. Temperature controlling method: imported PID digital temperature controller
- 3. Temperature controlling accuracy: room temperature $\sim 150 \pm 0.1^\circ\text{C}$
- 4. Heating method: oil bath
- 5. Total power: 2KW
- 6. Working units: 4 units
- 7. Power supply: AC220V/50Hz
- 8. Timing mode: digital timer
- 9. Bath temperature stability: $\pm 0.2^\circ\text{C}$

II. Main features

- 1. Stainless steel water tank is easy to wash
- 2. Stainless steel structure with ceramic coating
- 3. Stainless steel bath has hydrant valve, it is effective and insulated greatly.
- 4. Electronic stirrer has stainless steel paddle and blade
- 5. Heater is stainless steel
- 6. Micro-computer controller, PID function, digitally display temperature (continuously display during test), accuracy 0.1°C , Pt100 temperature sensor.
- 7. Working temperature: room temperature $\sim 200^\circ\text{C}$
- 8. Safety device can prevent over-heated and low liquid level very well.

III. Accessories List

No.	Name	Specification	Quantity	Unit
1	Main unit	—	1	Set
2	Copper Strip	—	4	PC
3	Pressure vessel	—	4	PC
4	Round test tube	—	4	PC

5	Fuse	20 (A)	4	PC
6	Flat test tube	—	1	PC
7	Sand paper	240P	4	PC
8	Bath cover	—	4	PC
9	ASTM Copper Strip Corrosion Standards	—	1	PC
10	Micro timer	—	1	PC
11	Thermometer, scale 1°C	-5~300°C	1	PC
12	Polishing tool	—	1	PC
13	Protective gloves		1	Pair
14	Tweezers		1	PC
15	Manual Book	—	1	Copy