LABTRON

Rust and Corrosion Tester

RUST AND CORROSION TESTER

Liquefied Petroleum Gas Copper Corrosion Tester LRCT-A10

Labtron LRCT- A10 is a desktop model, good pressure and corrosion resistance. This instru - ment is designed and made as per International Standard of Petrochemical ASTM D130 "Test Methods for Detection of Copper Corrosion from Liquefied Petroleum Gas by the Copper Strip Tarnish Test".

Features ≫

- ❖ Digital temperature controller
- ❖ Stainless steel material test bombs
- ❖ Uniform temperature of water bath and high precision control
- ❖ Equipped with standard color board and copper strips
- ❖ Easy to operate

Applications ≫

It is suitable to determine corrosiveness of liquefied petroleum gas to copper strip.

Specifications ≫

Model No.	LRCT-A10
Sample hole	2pieces
Speed of stirring motor	1400rpm
Ambient temperature	10~35°C
Temperature controlling range	Room Temperature to 100.0°C
Temperature controlling accuracy	±0.5°C
Temperature controller	Pt100
Relative humidity	≤85%
Delay time	0.01s to 99hours99minutes
Heating power	600W for temperature controlling; 1000W for auxiliary heating
Total power consumption	Not more than 1700W
Dimension	580*520*810mm
Power supply	AC220V±10%, 50Hz

Lubricating Oil Rust Characteristics Tester LRCT-A11

LRCT-A11 is designed and made as per the International Standard ASTM D665 - IP135. "Test Methods for Rust-Preventing Characteristics of Inhibited Mineral Oil in the Presence of Water"

Features ≫

❖ Digital temperature and time display

❖ High test efficiency

❖ Timer to control test time and automatic timing

Applications ≫

It is also suitable to determine rust-preventing characteristics of other oils, such as hydrau - lic pressure oil, circulation oil, as well as liquids heavier, whose gravity is greater than water.

Specifications ≫

Model No.	LRCT-A11
Sample hole	4pieces
Ambient temperature	Room temperature~35°C
Relative humidity	≤85%
Temperature controlling range	0 to 100°C
Temperature controlling accuracy	±1°C
Temperature sensor	Industrial platinum resistance, Pt100
Timing range	1min to 24hours
Heating power for temperature controlling	600W
Heating power for auxiliary heating	1000W
Speed of stirring motor	1400rpm
Speed for sample stirring	1000±50rpm
Dimension	880*430*840mm
Total power consumption	≤1800W
Power supply	220V±10%, 50Hz

Rust Characteristics and Corrosion Tester LRCT-A12

Labtron LRCT-A12 is a multifunctional tester with high performance cost ratio. It is designed and made as per the International Standards ASTM D665 "Test Methods for Rust-Preventing Characteristics of Inhibited Mineral Oil in the Presence of Water", ASTM D130 "Test Methods for Detection of Copper Corrosion from Petroleum Products by the Copper Strip Tarnish Test" and ASTM D7671 "Test Methods for Detecting Silver Corrosion from Jet Fuels by the Sliver Strip Test".

Features ≫

❖ LCD temperature controller

❖ LED digital display for time

❖ High performance cost ratio

❖ Heater and electric stirrer to maintain the bath constantly

Applications ≫

It is used to determine corrosiveness aviation gasoline, kerosene, turbine oil, vehicle gasoline, tractor fuels, washing solvent, distillate fuels, lubricating oil and other petroleum products.

Specifications ≫

Model No.	LRCT-A12
Sample hole	4pieces
Ambient temperature	Room temperature to 35°C
Relative humidity	≤85%
Temperature sensor	Industrial platinum resistance, Pt100
Temperature controlling range	0 to 100°C
Temperature controlling accuracy	±1°C
Heating power for temperature controlling	600W
Heating power for auxiliary heating	1000W
Timing range	1min to 24hours
Total power consumption	≤1800W
Power supply	220V±10%, 50Hz
Dimension	880*430*960mm, 590*490*430mm

Copper Strip Corrosion Tester LRCT-A13

Labtron LRCT-A13 is a International Standard ASTM D130 "Test Methods for Detection of Copper Corrosion from Petroleum Products by the Copper Strip Tarnish Test".

Features ≫

❖ LCD temperature controller

❖ High test efficiency

❖ Heater and electric stirrer to maintain the bath constantly

❖ Control the test time and has automatic timing feature

Applications ≫

It is suitable to determine corrosiveness of aviation gasoline, jet fuels, vehicle gasoline, and natural gasoline, hydrocarbon with Reid vapor pressure lower than 124 kPa, solvent oil, diesel oil, distillate oil, lubricating oil and other petroleum products.

Specifications ≫

Model No.	LRCT-A13
Sample hole	4 pieces
Sample quantity	4 to 12pieces
Ambient temperature	Room temperature to 35°C
Relative humidity	≤85%
Temperature sensor	Industrial platinum resistance, Pt100
Temperature controlling range	Room temperature to 100°C
Temperature controlling accuracy	±1°C
Heating power for temperature controlling	600W
Heating power for auxiliary heating	1000W
Timing range	1min to 24hours
Total power consumption	Not more than 1800W
Dimension	580*460*760mm
Power supply	220V±10%, 50Hz