YOSHIDA
NEW PETROLEUM TESTING APPARATUS

Cat. No.865 CARBON RESIDUE TESTER FOR CRUDE OIL AND PETROLEUM PRODUCTS

Model CCR-E
(Electric heating system)

【Summary】

This tester is used to measure residual carbon in crude oil and petroleum products by Conradson method. After taking 3g to 10g weighed sample and placing it in the crucible, it is pre-heated for about 10 minutes till it starts to fume, and generated oil vapor is burnt for 13 minutes. Then, its residue is ignited for 7 minutes. After letting the heat of the crucible radiated in the desiccator, this tester can weigh the carbon residue and measure the mass of the residual material.

【Testing Methods】

JIS K2270, ASTM D189, and IP 158

【Features】

- This tester is of an electric heating system.
- The temperature transition can constantly be observed since the temperature sensor is placed inside the sands in the large-size crucible.
- The voltage regulator for the heater is easy to handle because it employs a thyristor system.
- The durability of the heater unit is outstanding due to its special mechanism adopted.

【Specification】

1. Temperature indicator: Analog thermometer
2. Thermocouple : CA thermocouple
3. Heater : Cartridge heater
4. Gas control valve : Micro-valve type
5. Ammeter/Voltmeter : Indicates heater capacity and voltage.
6. Safety device : Earth leakage breaker
7. Voltage : AC 100/110/220/240V

【Standard Accessories】

1. Porcelain crucible: 1 piece
2. Small-size crucible (with a lid) : 1 piece
3. Large-size crucible (of SUS, with a lid): 1 piece
4. Triangle frame : 1 piece
5. Cylinder : 1 piece

Model CCR-G
(Gas heating system)

【Configuration】

This tester is of a gas heating system and comprises the following components.

1. Porcelain crucible : 1 piece
2. Small-size crucible (with a lid): 1 piece
3. Large-size crucible (of steel, with a lid): 1 piece
4. Triangle frame : 1 piece
5. Cylinder : 1 piece
6. Thermal insulator : 1 piece
7. Steel tripod frame : 1 piece
8. Gas burner : 1 piece

● The above specification is subject to change without notice due to technical improvement.

XEBEX

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