Labotronics

Conradson Carbon Residue Apparatus LB-10CCR

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1. Introduction

Conradson Carbon Residue Apparatus LB-10CCR is a manual unit with a porcelain crucible of about 30 mL capacity. Its blowtorch utilizes a gas torch as its heat source. Iron plate shield directs flame during heating, featuring an asbestos ring for added heat protection. This apparatus uses a Meker-type gas burner to provide heat for carbon residue testing.

2. Features

1. Round Iron Shield
2. Conforms to ASTM D189 Standard
3. Adjustable blow lamp
4. Cover the flame body for safety

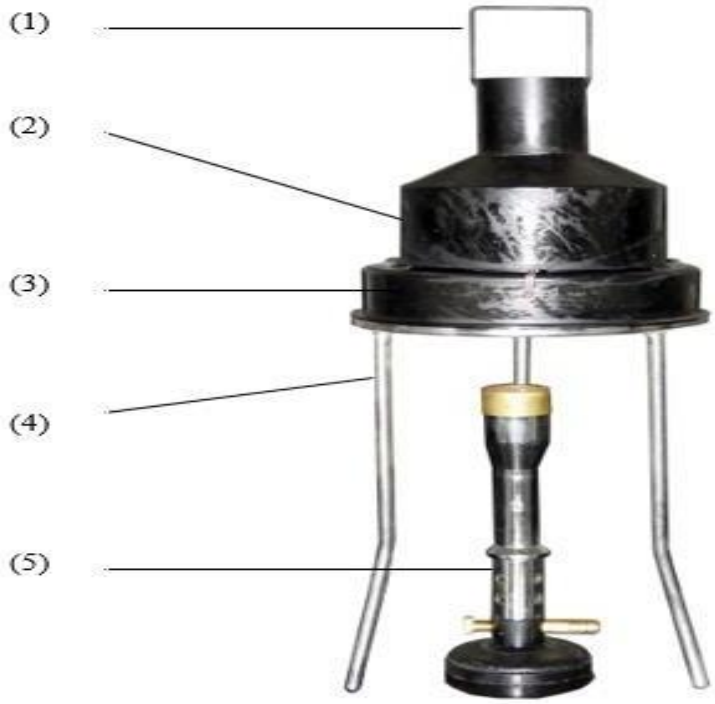
3. Specifications

Model No	LB-10CCR
Porcelain Crucible	About 30 ml
Cover Flame Body	Diameter of upper port: Φ (90±2) mm Diameter of lower port: Φ (82±2) mm
Round Iron Shield	The height of the underpart is (50~53) mm. The height of the cone in the middle is (25±2) mm. There is a piece of iron wire as the fire bridge on the top. The height is (50±3) mm. It is regarded as the indicator of max height.
Blowtorch	It adopts a gas torch
Aperture	Φ 25 mm
Internal Iron Crucible	About (75±5) ml
External Iron Crucible	About (190±10) ml with cover
Compliance	ASTM D189
Dimensions	Φ130 mm × 400 mm
Weight	5 Kg

4. Applications

Conradson Carbon Residue Apparatus is utilized in petroleum, aviation, and oil industries to gauge carbon residue post-evaporation.

5. Instrument Introduction



(1) Fire bridge
(2) Round iron shield
(3) Flame shield
(4) Tripod
(5) Burner

- Place the nickel-chromium tripod, the outer iron crucible, the porcelain crucible, and the inner iron crucible in the round iron shield as per test requirements.
- The gas source for burner can be domestic coal gas, domestic LPG, or domestic natural gas.
- Adjust the flame as per the gas source used.

6. Operations

1) The instrument should be placed on a flame-resistant workbench and there should not be any combustible and/or explosive materials near the instruments.
2) When you place the outer iron crucible into the flame shield, make sure the bottom of the crucible should be level with the lower surface of the flame shield.

Warning:
Prepared suitable methods to avoid fire accidents and harm to users.

7. Accessories

No.	Name of Accessories	Quantity
1	Porcelain crucible	4
2	Inner iron crucible with a cover	1
3	Outer iron crucible	5
4	Outer iron crucible with a cover	1
5	Nickel-chromium tripod	1
6	Flame shield	1
7	Round iron shield	1
8	Burner	1
9	Tripod	1
10	Operation Manual	1
11	Quality Certificate	1
12	Repair Guarantee	1