

## Coking Tendency - Conradson Carbon Residue - CCR (manual)

ASTM D 189, ISO 6615, DIN 51551-1, FTM 791-5001, IP 13, JIS K2270, NF T60-116 (obs.), BS 4380 (obs.)

**Product group(s):** Fuel

**User group(s):** Biodiesel, Diesel, Engine Oil, Petroleum, Power Generation

**Scope:** For the determination of the amount of carbon residue left after evaporation and pyrolysis of oil, and is intended to provide some indication of relative coke-forming propensities.

This test method is generally applicable to relatively nonvolatile petroleum products, which partially decompose on distillation at atmospheric pressure.



### Coking Tendency Test Equipment

#### Conradson Carbon Residue Apparatus

available with:

- MUNICIPAL gas supply
- BUTANE/PROPANE gas supply
- NATURAL gas supply

### Main Unit

13-0841	<b>Conradson Carbon Residue Apparatus</b> ASTM D 189 - DIN 51 551-1 - FTM 791c-5001 - IP 13 - ISO 6615 - JIS K2270 (NF T60-116)
	<u>Consisting of:</u> hollow sheet-metal ring, circular sheet-steel hood, outer sheet-steel crucible and cover with eyelet on top for lifting, inner sheet-steel Skidmore crucible and cast brass cover; cover lifter, metal tripod stand, Ni-chrome wire support and a Meker-type burner for: <b>MUNICIPAL</b> gas supply
13-0842	<b>Conradson Carbon Residue Apparatus</b> <u>Like 13-0841 but:</u> Meker-type burner for: <b>BUTANE/PROPANE</b> gas supply
13-0843	<b>Conradson Carbon Residue Apparatus</b> <u>Like 13-0841 but:</u> Meker-type burner for: <b>NATURAL</b> gas supply

### Options & Accessories

13-0851	<b>Hollow Ring (insulator), sheet-metal</b>
13-0853	<b>Sheet-Steel Hood</b> with bridge inside for adjustment of flame height
13-0854	<b>Outer Sheet-Steel Crucible</b> 80 mm outer diameter by 59 mm in height
13-0855	<b>Cover, Sheet-Steel</b> (for outer crucible no. 13-0854) with eyelet on top

<b>13-0856</b>	<b>Inner Skidmore Crucible</b> sheet-steel, with support flange
<b>13-0857</b>	<b>Cover</b> cast brass (for Skidmore crucible no. 13-0856)
<b>13-0858</b>	<b>Cover Lifter with handle</b>
<b>13-0859</b>	<b>Wire Triangle, Ni-chrome</b>
<b>13-0860</b>	<b>Conradson Crucible, 29 ml, Ø 50 x 32 mm, porcelaine glazed</b> ASTM D 189 - DIN 51 551-1 - IP 13 - ISO 6615 (Conradson)
<b>13-0861</b>	<b>Conradson Crucibles, 29 ml, Ø 50 x 32 mm, porcelain glazed, pack of 10</b> ASTM D 189 - DIN 51 551-1 - IP 13 - ISO 6615 (Conradson)
<b>13-0862</b>	<b>Beads, glass, Ø 2.5 mm, 10 g</b>
<b>13-0863</b>	<b>Burner MEKER for Municipal Gas</b>
<b>13-0864</b>	<b>Burner MEKER for Butane/Propane Gas</b>
<b>13-0865</b>	<b>Burner MEKER for Natural Gas</b>
<b>13-0869</b>	<b>Tripod Stand, special</b>

**Order Guideline**

Minimum equipment: 13-0841 or 13-0842 or 13-0843  
 Spares (approx. 1 year): 13-0861  
 Additional requirements: