Carbonisation Cup

➢ Product Overview:

1、 Thermal analysis is widely used for on-site testing and control of molten iron composition due to its rapid, simple, reliable, and low-cost nature. After molten iron is poured into a sample cup, it gradually solidifies over time. Thermal analysis determines and calculates components such as carbon equivalent, carbon content, and silicon content based on the temperature plateau observed in its cooling curve.

2、The high-precision thermal analysis sample cup consists of a well-designed sample cup and a high-precision K-type thermocouple.

➢ Product Features:

1、 A rational and reliable sample cup design ensures polarity is correctly aligned with the thermal analysis connector.

2、German-imported dual-wire technology delivers high precision, rapid response, excellent repeatability, and a stable cooling curve.

3、High measurement success rate

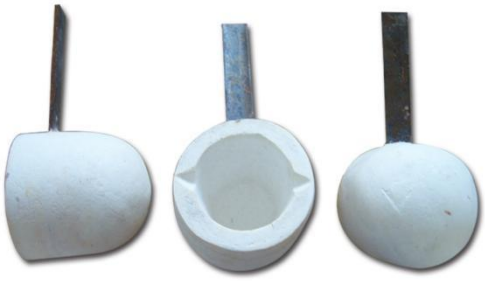
➢ Product Model:

Name	Square Cup	Round Cup	Round Cup
Model	SC1911	RCH1911	RCL1911
Packaging	100PCS	100PCS	100PCS
Image			
Purpose	Containing tellurium sample cup, determine CEL, C, and Si prior to spheroidization; Without tellurium sample cup, determine CEL undercooling and spheroidization rate; Tellurium-containing sulfurized sample cup for determining CEL, C, and Si after spheroidization		

➢ Thermal analyser accessories

Sample cup connector

Sample cup holder



Sampling spoon

Compensation cable