GC660931氧化铝流动角测定仪

GC660931 alumina flow angle tester

##### 标准:

##### GB/T-6609.31-2009 Chemical analysis methods and determination of physical performance of alumina - Part 31: Determination of angle of flo

##### standard:

##### GB/T-6609.31-2009 Chemical analysis methods and determination of physical performance of alumina-Part 31: Determination of angle of flo

**适用范围:**

本部分适用于氧化铝流动角测定，测定范围：30°-50°.

Scope of application:

This part is applicable to the determination of alumina flow angle, the measurement range: 30°-50°.

**流动角：**

试料在测试瓶中停止流动后，试料形成的椎形面与测试瓶底间形成的角度。

Flow angle:

The angle formed between the conical surface formed by the sample and the bottom of the test bottle after the sample stops flowing in the test bottle.

**原理：**

将氧化铝通过一系列漏斗倒入平底容器中。允许通过漏口下漏的氧化铝流出平底容器，根据用于填充容器的试料质量和试验后容器内存在试料的质量计算流动角度.

principle:

Pour the alumina through a series of funnels into a flat-bottomed container. Allow the alumina leaking through the leak to flow out of the flat-bottomed container, and calculate the flow angle based on the mass of the sample used to fill the container and the mass of the sample in the container after the test.

**技术参数:**

1.漏斗：直径为110mm±10mm，内部瓶颈的直径为10mm±2mm

2.不锈钢可调节流速漏斗：

壁内光滑的金属漏斗，直径为65mm±5mm；

内部瓶颈的直径为5.5mm±0.5mm，长度为110mm±20mm。

漏斗瓶颈的长度为50mm±5mm，瓶颈底部终止处为正方形.

3.平底容器：内径为72.5mm±0.1mm，内高为72.5mm±0.1mm，漏口的直径是4mm±0.1mm，漏口的壁和根部的厚度为4.5mm±0.1mm，容器的理论容积为300mL，此容器为铝质，内壁光滑，表面平坦.

4.孔塞：孔塞的尺寸能够塞紧平底容器底部漏口

5.塑料杯：容积约为400ml

6.称重天平客户自备

7.钢尺,毛刷.溢出接料盘.

Technical Parameters:

1. Funnel: the diameter is 110mm±10mm, the diameter of the inner bottleneck is 10mm±2mm

2. Stainless steel adjustable flow rate funnel:

A smooth metal funnel with a diameter of 65mm±5mm;

The diameter of the internal bottleneck is 5.5mm±0.5mm and the length is 110mm±20mm.

The length of the bottleneck of the funnel is 50mm±5mm, and the end of the bottom of the bottleneck is square.

3. Flat-bottomed container: the inner diameter is 72.5mm±0.1mm, the inner height is 72.5mm±0.1mm, the diameter of the drain is 4mm±0.1mm, the thickness of the wall and root of the drain is 4.5mm±0.1mm, the theory of the container The volume is 300mL. This container is made of aluminum, with a smooth inner wall and a flat surface.

4. Hole plug: The size of the hole plug can close the bottom leak of the flat-bottomed container

5. Plastic cup: the volume is about 400ml

6. The weighing balance is provided by the customer

7. Steel ruler, brush. Overflow receiving tray.