Hexavalent chromium tester

Model: JV-2000

Detection substance: Cr^{6+}

Application industry: metal, plastic, paint coating, leather and other industries.

Reference standard

IEC 62321-7-2-2017 standard "Determination of certain substances in electrical and electronic products - Part 7-2: Hexavalent chromium - Determination of Cr^{6+} in polymers and electronic materials by colorimetry"

product description

The hexavalent chromium tester is referred to as UV, which is a chemical valence analysis method. In recent years, UV is mainly used as a rapid detection method in electronics, electrical appliances, leather, etc.

Leather, leather goods, toys, food, building materials, metallurgy, geology and mining, plastics, petroleum, chemical industry, medicine and other industries have played a great role. UV has special technical advantages such as fast, accurate and low analysis cost. In the field of environmental protection and food, UV can quickly screen out whether the harmful substances in the sample exceed the standard through direct testing.

JV-2000 has excellent testing performance in metal electroplating solution industry and leather industry, it can test the content of hexavalent chromium in electroplating, plastic and leather industry

The colorant hexavalent chromium content inside, etc., the test stability and accuracy are relatively excellent in the industry.

Product advantages

Advanced hexavalent chromium testing equipment, stable operation and beautiful appearance.

It adopts digital membrane button input, with friendly interface and easy operation. It can store multiple standard curves and test data, which can be saved when power off, and can be exported to PC.

High precision, low stray light, low noise, thick base plate and optical bracket, imported key components, durable.

The independent module design of core accessories avoids mutual electromagnetic interference, improves the detection limit of the instrument, and reduces the failure rate of the instrument.

The JV-2000 instrument has two operation modes

microcomputer self-test, PC analysis system, and the result can be produced within 1 second after the sample is put on the machine, mainly used for the detection of hexavalent Chromium (Cr^{6+}) compounds are widely used in industries.

Plastic industry: comprehensively respond to the detection of hexavalent chromium (Cr^{6+}) in plastic materials and coatings

etal industry: qualitative and quantitative analysis and detection of hexavalent chromium (Cr^{6+}) in the metal RoHS directive

Electroplating industry: Qualitative and quantitative analysis and detection of hexavalent chromium (Cr^{6+}) after the total Cr of the electroplating layer exceeds the standard

Leather industry: Response to the detection of hexavalent chromium (Cr^{6+}) content in leather materials

Paint and coating industry: detection of hexavalent chromium (Cr^{6+}) content in paint colorants

test steps

Step 1
Accurate Weighing

Step 2
heat sample preparation

Step 3
constant volume color development

Step 4
Test on the machine

SHENZHEN JUN HUI TENG TECHNOLOGY CO.,LTD.

Jingdong Avenue, Jingdong Zhigu, Fenggang Town, Dongguan City, Guangdong Province, China, B11 Building

0755-23358711/10 0755-23358712 400-0700-292