



HCCW - 1 Cemented Carbide Wear Resistance Testing Machine

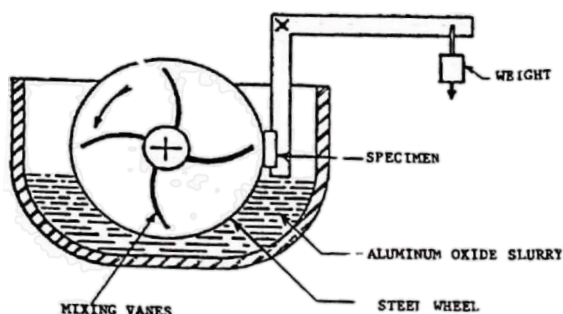
specification

One.Product Description

This HCCW Type Cemented Carbide Wear Resistance Testing Machine It is developed according to the requirements of testing the wear resistance of cemented carbides stipulated in ASTM-B611-85 test method for wear resistance of cemented carbides (re-approved in 2005). This machine is precision mechatronics design, composed of motor, driver, gearbox, test chamber, loading system and control system. The friction and abrasion testing machine adopts new manufacturing process and control technology. The force is applied steadily and reliably; Spindle speed, rotation, test time control simple and stable.



Reference picture of product appearance



Working principle diagram



Two、 Specification Data and Configurations

Specification Data
1. Max load:20kg ~ 40kg (weight graded loading)
2. Loading accuracy of test force: $\pm 1\%$
3. Spindle speed:40-200rpm stepless speed changing
4. Rotational speed error: ± 2 rpm
5. Test control mode:Preset time, number of revolutions
6. Protector:Shutdown over preset value
7. Contact form:ASTM611 Wheel Block
8. Frictional atmosphere:Medium friction
9. Control mode:Auto-Control
10. Power Supply:380V 50Hz 5A

Three. Functions and features:

1. drive mode: this type of testing machine adopts power motor drive, strong controllability, low failure rate, after years of continuous improvement, stable and reliable performance, to ensure the accuracy of the test force;

2.the main structure: friction test in order to reduce the vibration of the motor and ancillary components on the impact of wear marks, so we use the lower overall body, thickening of the support plate and precision bearings;

3.loading system: the use of leverage for balance loading to prevent human impact.

4.control system: independent research and development of the control system, can be established according to different standards of professional test program.

Four.Installation and commissioning of testing machine

1.Space requirements: ordinary solid flat experimental table, the whole set of land < 1m²;



2.Environmental requirements: room temperature 10 °C -35 °C , relative humidity of not more than 80%, no vibration around, no corrosive medium and no strong magnetic field interference environment;

3.Power requirements: ~ 380V, 10A, the voltage fluctuation range should not exceed 10% of the frontal and fixed voltage, the frequency fluctuation range should not exceed 2% of the rated frequency.

Tel:+86-0531-85860713, +8615508660930

WeChat/WhatsApp: +8615508660930

QQ: 1538151698

The contact: Janna Tang

Email:cnjntest@163.com

Add:No. 102-1, building 68, Xinmao Qilu science and technology city, No. 299, Zidong avenue, Tianqiao district, Jinan city, Shandong province China

Jinan Hengxu Testing Machine Technology Co.,Ltd