MatriXcope

MTC-CW200-200G

Checkweigher Auto Weighing Machine

General specifications

PHYSICAL SPECIFICATIONS	
Power supply	AC220V, 50HZ
Rated power	0.1KW
Single weighing range	≤200g
Weighing accuracy range	±0.2~±1g
Minimum scale	0.01g
Transfer speed	30～ 80m/min
Max speed	180 pcs/min
Weighing material size	≤180mm（L） *150mm（W）
Weighing conveyor belt size	300mm（L） *150mm（W）
Belt height from ground	700+100mm
Machine Size	950mm（L）*580mm（W）*1260mm（H）
Elimination method	Air blow
Control System	High speed A/D sampling controll
Preset product number	2000pcs
Operation direction	left to right
External air supply	0.6-1Mpa
Barometric interface	Φ8mm
Working environment	Temperature： 0℃～ 40℃, Humidity： 30%～ 95%
Machine material	Stainless steel 304 polishing treatment
Operation screen display	English
Other standard equipment	Windshield (colorless and transparent), calibration weight
Remarks	The accuracy of the detection speed meter is slightly different depending on the size of the product being tested and the working environment in which the equipment is operated.

Functions and Features

1. Strong versatility: the standardization structure of the whole machine and the standardized man-machine interface can complete the weighing of various materials;
2. Simple operation: Fully intelligent and user-friendly design using WEINVIEW color humanmachine interface; conveyor belt is easy to disassemble, easy to install and maintain, easy to clean;
3. Adjustable speed: use variable frequency control motor, the speed can be adjusted as needed;
4. High speed and high precision: high precision digital sensor, fast sampling speed and high precision;
5. Zero tracking: can be manually or automatically cleared, and dynamic zero tracking;
6. Report function: built-in report statistics, the report can generate EXCEL format, can automatically generate a variety of real-time data reports, U disk can store more than 1 year of statistical data, support the production status at any time; provide factory parameter setting recovery function, and store a variety of recipes, easy to replace product specifications;
7. Interface function: reserve standard interface, easy to manage data, and can communicate with PC and other intelligent devices;
8. Self-learning: After setting the product recipe information, you do not need to set the parameters. The self-learning function automatically sets the device suitable parameters and saves them when you switch products next time. (The parameter storage entry is 2000, which can be increased).
9. Operating mode: three operating modes
a. Dynamic mode: normal pipeline mode;
b. Static mode: After the material enters the weighing platform, the weighing platform stops running, and the weighing is performed to improve the accuracy, which is suitable for products with less than 20 passes per minute;
c. Energy-saving mode: (optional) The energy-saving mode can be turned on on the basis of a and b modes, and no material is set to pass the shutdown time. 4 idling, it will automatically stop after the long time, and then automatically start when there is material passing.
10. Self-test of fault: It can detect by itself: whether the motor, inverter, AD, sensor and photoelectric are normal and the cause of the fault and the guidance detection of the cylinder, solid state relay and solenoid valve. Convenient for non-professional inspection and maintenance.
11. Peripheral device communication: standard RS-485 and RS-232 dual communication port output.
a. RS-485 interface is MODBUS, RTU standard protocol but can modify the write address

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(57600bps, 8, N, 1, slave station number 3) can not be modified.
b. (Optional) The RS-232 interface is a custom protocol, and you can set the command to send the content yourself. (57600bps, 8, N, 1) can be modified.
12. An external printer or printer can communicate with the device, or it can be connected with the front and rear packaging machines and production equipment to feedback the weighing result so that the recipe parameters can be automatically modified.

Dimensions