

## *Capsule Checkweigher CM1800 Series*



This capsule check weigher is suitable for rapid weighing of tablets and rejection of unqualified products, usually arranged after the process in the capsule filling workshop. This equipment can be suitable for the diameter of different types of smooth surface non sticky capsule without changing mold.

The capsule checkweigher adopts the patented sliding board weighing structure, the weight detection speed of each channel is 1.6 pieces/second, the detection range is 0-2000mg, the dynamic detection accuracy: 300mg capsule sample, repeated 20 times weighing, the allowable error is  $\leq \pm 2\text{mg}$ . The unqualified tablets can be automatically eliminated by setting the upper limit and lower limit of the qualified weight of single tablet.

The maximum weighing speed of C1800 capsule check weigher is 100 thousand pieces/hour. Users can decide to check the whole product or spot check according to the stability of the weight of the product produced on site.

## Technical Parameters:

Check weigher parameters and features	
Serial	parameter
1	Capsule size applicable range: 00#、0#、1#、2#、3#、4#、5# and elongated capsule with smooth surface and nosticy surface
2	Weighing detect range : 0-2000mg。
3	Dynamic detection accuracy: 300mg capsule sample, repeated 20 times weighing, the allowable error is $\leq \pm 2\text{mg}$
4	Display accuracy: 0.1mg。
5	The maximum weighing speed of C1800 capsule check weigher is 100 thousand pieces/hour
6	Weighing speed can be adjusted by setting the vibration feeding speed or adjusting the inclination angle of the checkweigher
7	The equipment shall be equipped with an effective and accurate rejection device, which can effectively reject the products beyond the weighing range, and ensure t the qualified rate of weighing is 100%. The unqualified product collection box shall be equipped
8	Weighing sensor: strain type weighing sensor
9	All materials in contact with the capsule are 316 stainless steel or pharmaceutical grade materials (such as TEflon), to ensure that it does not react with drugs, adsorption or release adverse effects
10	Display touch screen can be rotated 320
11	Height of the device can be adjusted up and down 50cm.
12	Operation control: 17 inch industrial touch screen. Human-machine interface language: Chinese.
13	Touch screen can display and set the parameters of the operation, can input the upper and lower limits of weighing and rejecting, has the function of the accumulative display of qualified and unqualified numbers and the storage function of related data reports, can display the single value control chart.
14	It can display the weight value of all channels at the same time, and can also select a large digital display channel

15	Display the first 20 pieces weight curve and standard deviation of any channel
16	Single channel calibration can be completed within 1 minute
17	Channel weighing parameter Settings can be copied uniformly
18	Users and passwords of at least three levels can be set on the touch screen. The top management can add or delete users and change the passwords of lower-level users.
19	USB and Ethernet interface, Supports Modbus-TCP agreement.
20	Record daily production information and test records, and store them. Storage capacity can be guaranteed to store a year of continuous production data, data can be derived from the computer data with data statistics and counting function.
21	The equipment can run continuously for 24 hours, stable and reliable
22	The configuration system is designed to prevent loss of data and configuration parameters in the event of a power cut
23	The required compressed air pressure during normal operation is 0.4-0.6mpa. When the compressed air pressure is low, alarm and stop
24	In the process of bin cutting, feeding queuing, weighing and rejecting, the tablet shell will not be damaged or seriously worn, and the tablet will not be broken.
25	Convenient channel cleaning, all the machine channel cleaning can be completed within 30 minutes.
26	Easy maintenance, single channel removal and replacement can be completed in 1 hour.
27	Weighing balance automatically returns to zero
28	Print detailed test report directly via local USB or network printer
29	sound and light alarm function
30	Host power supply: 220V, 50HZ
31	All the inner surfaces in contact with drugs are polished, the stainless steel shell of the equipment is wire drawing or matte, and the surface of the equipment is not dazzling and reflective
32	The device can be partially adjusted by touch screen
33	If the weight check channel is faulty, you can close the channel at any time