

## *CMC-400 Capsule Checkweigher*



In the production of capsules, fluctuations of capsule weights usually occur under the affection of human, machine, material, methods and environment. Some capsules are out of range expressing a high risk on quality which should be seen as “risky products”. How to deal with numerous risky products is always a headache for the quality control department and the production department.

CMC (Automatic Capsule Metage Classifying Machine) measures capsules one by one, classifying them into good ones and rejects according to the predetermined weight range. It operates perfectly with high efficiency, reduces costs and helps to improve capsule quality.

Meanwhile, the working efficiency of CMC series can be increased infinitely with its creative working mode — “extendable unit structure” and “unlimited parallel connection”. Therefore, it can be integrated to any capsule filling machine to weigh every capsule from the production.

### **Definition:**

Extendable unit structure: the number of operation units is selectable according to production need

Operation unit: each operation unit has an inspection efficiency of 400 caps/min. The equation of model selection is: Number of operation units = capsule filler efficiency/400

Control unit: controls other units, must be selected in every CMC.

### **Performance and advantages:**

1. High precision weighing sensor and DSP fast single processing system used in the core part of the equipment enable accurate and rapid data measurement

2. This equipment could classify: capsule sizes of 00#, 0#, 1#, 2#, 3#, 4#, 5# ; all kinds of safety capsule; long tablet shaped like capsule. (other shapes of tablets could use TMC series to detect their weight)
3. Mold is constructed by overlapping blocks and lock-in structure, it could be disassembled immediately upon the changing of capsule size and installed just in the right position.
4. The machine uses "unit extension structure" and "infinite parallel connection" have greatly improved the work efficiency. It's just for you to choose the equipment size according to your product condition.
5. This equipment could identify the qualified and unqualified capsule upon a specific range set in advance. The light flash tells when it detects the unqualified.
6. This equipment can make a comprehensive data statistics and print them out.
7. Product information could be saved automatically and permanently and you could check in as much as you want.
8. Touch screen and friendly man-machine interface make the operation more simple and clear.

### Specifications:

Model	CMC-400
Speed	400 capsules/min
Applicable Capsule Size	00#-5#
Weighing Range	10-2000mg
Accuracy	±2mg/±3mg
Voltage	220V 60Hz
Air Supply	0.4-0.7Mpa
Power Rating	450W
Dimensions	830*530*1670