

## *CAS Automatic Capsule&Tablet Online Sampling Weight Checker*



Capsule&tablet online sampling weight checker CAS, connecting with capsule filling machine and tablet press machine. CAS is used for capsule/tablet online sampling weight, could help users to monitor the change of drug weight during production, real-time display the weight curve, automatic record weight data, automatic alarm when abnormal is found and reject the unqualified products of sample, to achieve more effective quality control in production process. CAS has the function of production formula management and three-level password management system, at the same time of weighing detection, real-time display weight curve, automatic record weight data, with production information statistics function, electronic recording of electronic signature, in accordance with 21CFR Part11, to ensure data integrity, easy to audit tracking.

### **Work Principle**

Sampling weight checker CAS adopts high-precision electromagnetic balance weighing sensor, military aviation level zero tracking, dynamic compensation software algorithm, so as to ensure the stable, fast and accurate weighing work under the presence of ground vibration, air outlet and other interference factors.

The feed port of CAS connects with discharge port of capsule filling machine and tablet press machine. According to the pre-set time interval and the number of sampling to online high frequency sampling weighing of medicines, equipment automatically record the weight data of drugs and draw weight curve, when it is found that the weight exceeds the qualified range, the unqualified samples will be automatically eliminated, and an alarm will be given to remind it. According to the severity of the grain weight exceeding the standard, the drug production equipment will be automatically shut down to prevent the continuous production of defective products.

Capsule&tablet online sampling weight checker CAS has following advantages: high frequency sampling closely monitoring the change of capsule weight; work 24 hours a day; respond quickly to unusual situations; use UPS power supply, data is saved automatically after power failure; Ethernet, USB, COM port, wireless Wifi, rich peripheral interface, convenient for remote monitoring and networking data exchange; comply to 21CFR part11, electronic signature electronic record, ensure data integrity, easy for audit tracking. Therefore, capsule&tablet weight variation monitor machine CAS is far more effective than manual sampling method in drug production quality process monitoring.

## Features

1. Connecting with capsule filling and tablet press machine
2. High frequency sampling 24 hours a day
3. Automatically drawing weight curve
4. Closely monitoring according to weight range
5. Immediately alarm if the weight exceeds standard
6. If the weight exceeds standard seriously, automatically stop production equipment
7. Automatically distinguish and isolate defective samples
8. Automatically print the statistics information of weight
9. Comply with 21CFR-11, data is completely.
10. Level 3 password to log in to the operating system
11. Production recipe management call function
12. Easy to query electronic records and signatures
13. Testing data, PDF document saving
14. Operational trajectories are used for audit trails
15. GAMP5 and cGMP compliance
16. Quality control is far more effective than manual labor

## Parameter

Model	Application Range	Display Accuracy	Dynamic Accuracy	Designed Efficiency	Power Supply/Air Supply	Dimensions / Weight
CAS±1	Capsule、Tablet	0.1mg	±1.0mg	50pcs/min	220V;50Hz	400x450x1050mm
CAS±2	Capsule、Tablet	0.1mg	±2.0mg	60pcs/min	6~8bar	75Kg
CAS±3	Capsule、Tablet	1mg	±3mg	60pcs/min		