XImaging
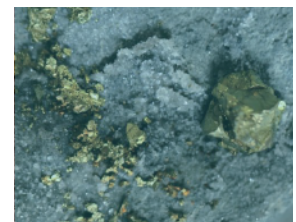## Intelligent Solid Weighing System

This special sample addition system achieves high-precision sampling for various types of solids.It is featured with high throughput, diverse weighing methods, and simple, clear data management,widely used for solid weighing and dispensing for various experiment scenarios.

Application scenarios

Drug discovery enterprises, contract research organizations, third-party testing labs, food testing institutes, electronic and electrical industry, mineral soil sorting

Features

High efficiency
Equipped with three high-precision balances, accuracy 0.1mg.Weighing process is stable and fast.

High throughput
Efficiency and high capacity, 1000 pieces per 12 hours, 24 hours running uninterrupted

No pollution
Special weighing method to avoid cross-contamination between samples

Customized service
customized services based on user application scenarios and requirements

Wide application
Suitable for solid particles, powder samples, such as soil,food, medicine, electronic appliances, etc

Intelligence
Automatic weighing shunt.Scaled and dispensed to designated containers tailored for different test items; Intelligent process data traceability,error and faults display.

Technical Parameters

Sample storage	210 samples
Number of scales	3pcs (brand optional,SARTORIUS configurated)
Scale accuracy	0.0001g
Weighing Accuracy	2.5±0.2g 1.0±0.1g 0.5±0.05g 0.25±0.03g 0.1g±0.02g
Scale max capacity	220g
Automatic identification of sample by code scanning	
After weighing, the system generates the weighing information of samples real-time, and automatically labels the test tube to ensure the sample information accuracy.	
Automatic sample transfer by robot arm, unattended.	
Weighing data can be imported into the LIMS system.	
Manual sample preparation and weighing are done at the same time, saving time and improving efficiency	
Graphical user interface, easy operation.	
Smart table display: The software automatically tracks the current sample, and displays it in different colors. Get the experimental progress and test results the first time.	
Experimental results traceability:In addition to exporting experimental results into information templates,they are automatically saved in database.You can inquire results of previous experiments by sample number any time.	