

GPW-1/2/3/4/6 Automatic Weighing Filling Machine



The weighing liquid filling machine adopts Mettler Toledo weighing module, combined with automatic filling technology, so as to realize high-precision dynamic metering and filling of liquid materials, and its metering accuracy is not affected by factors such as pressure, temperature, and air bubbles ;

Simple installation and debugging, convenient use and maintenance,

It can be applied to precise quantitative filling of pharmaceutical raw materials, edible oil, lubricating oil, daily chemical, paint, agrochemical, and other industries.

Main feature:

1. The system adopts a programmable PLC controller and touchscreen operation, with reliable performance;
2. It can realize automatic barrel feeding, automatic positioning, automatic filling, automatic capping, automatic labeling, and other processes;
3. The filling head is treated with anti-leakage to prevent dripping and splashing; the quick-release joint is easy to disassemble and wash;
5. The filling volume can be set freely, and the height of the filling head can be adjusted, which is suitable for filling various specifications of packaging barrels;
6. The filling speed and frequency can be set on the touch screen according to production requirements; the filling speed is divided into a fast rough filling section and a low speed fine filling section to ensure the stability of filling accuracy.
7. There is no bucket on the weighing platform, no filling, differential pressure zero-time difference collision protection; there is a signal indicator light for instant display and automatic alarm for out-of-tolerance;
8. Automatic selection of two filling methods, net weight/gross weight (automatically peeled per barrel);

9. One-button operation, easy to use; multi-window display information such as filling volume, barrel number, cumulative volume, etc.;
10. Good stability, reduce loss, save cost, improve work efficiency, and reduce manual operation pressure.

Optional functions:

Feeding pump, filter, air collecting hood, labeling machine, palletizer, nitrogen charging device, other customization
Optional models: industrial grade, food grade, pharmaceutical grade

Technical parameter:

Model	GPW-1	GPW-2	GPW-3	GPW-4	GPW-6
Filling Nozzle	1	2	3	4	6
Filling Range	5-50L				
Measuring Method	Weighing And Measuring				
Capacity(based on 20L)	≤120 bottles/hour	≤240 bottles/hour	≤360 bottles/hour	≤480 bottles/hour	≤720 bottles/hour
Accuracy	≤ 0.1 %				
Explosion-proof grade	Exd11BT4				
Voltage	AC220V/380V 50-60HZ (Special Customized)				
Power	1.6 KW	2.0 KW	2.5 KW	3 KW	4 KW
Air Pressure	0.5-0.8 Mpa				