

## *ZX-F-DP01 Dust-Proof Medium-Dose Powder Weighing Filling Machine*



This machine mainly for easy dispersion of ultrafine powder and research and design of high precision packaging requirements and according to the weight of the containers in the following the signal of sensor are given complete double speed filling, measuring lifting work and so on, is suitable for packaging additives, carbon powder, dry powder fire extinguishers, medicine powder, milk powder, superfine powder, and other powder with high precision packaging requirements, etc.

### **Main features**

The container pallet is equipped with a weight sensor, according to the preset weight for fast, medium and slow filling, to ensure high packaging precision. Servo motor drives the scale plate to rise and fall, and the speed can be set arbitrarily. Basically, there is no dust lifting out of the environment when filling. Servo motor and servo drive control screw, stable performance, high precision. PLC control, touch screen interface display, simple operation. All stainless steel structure, combined material box, cleaning is very convenient, filling head can adjust the height, easy to achieve a variety of specifications of packaging, fixed screw installation structure, filling will not affect the nature of the material.

## Workflow

Artificial sack → Cylinder clip bag → The scale rises quickly to its appointed position → he rapid filling begins and the scale plate drops slowly → The weight reaches the predetermined fast bonus → Medium filling→ The weight reaches the predetermined additive value→ Drop the scale to a stop and fill slowly→ Weight up to the target value, automatic bagging (or manual bagging).

## Technical Parameters:

packed weight	500-50Kg
packaging accuracy	$\leq \pm 0.1-0.2\%$
packaging speed	2-10 times/minute
Voltage	AC380V 50/60Hz
power	2.7Kw
Machine weight	350Kg
Machine size	1030*850*2400mm
hopper volume	70L