

AUTOMATIC DOSING UNIT

Mastering Colors · Shaping Fluids



- 该设备采用先进的自动称重系统，能够实现高精度的物料称量，确保配方的准确性。
- 该设备具有多种称量模式，可以满足不同配方和产量的需求，操作简便，易于维护。
- 该设备采用优质的不锈钢材质，具有良好的耐腐蚀性和卫生性能，适用于各种物料的称量。
- 该设备具有安全保护功能，能够有效防止意外事故的发生，保障操作人员的安全。

PRODUCT INTRODUCTION

The equipment adopts a swing-arm structure and is commonly used in dispensing production. All valves are positioned at the same dispensing point, and it is compatible with receiving containers ranging from 1L to 1500L. Multiple scale platforms can be configured to accommodate containers of varying capacities, with the capability to load up to 60 raw materials. It is widely applied in industrial paints, automotive refinish paints, and other coating ingredient dispensing and tinting production. The system can interface with the factory's ERP/MES systems to enable production data exchange, scan-to-obtain production tasks, and automatically collect and feedback production data, facilitating later batch traceability and material statistics.

TECHNICAL DATA

Working Environment	EX/Non-EX
Application	Water/Solvent Based Products
Number of Circuits	Up to 60
Type of Material Tank	Pails / Drums / IBCS
Minimum Container Opening	100mm
Typical Batch Size	2000L
Application Product Viscosity	< 6000 CPS (Higher Viscosity Configurations Available)
Performance	3-5min per 20L
Valve Type	Three-stage Multi Flow Valve
Accuracy	Weighing capacity of 30kg with ± 1 g accuracy, or 1000kg with ± 50 g accuracy (Higher Precision Options Available).
Pump Size	0.5"/1"/1.5"/2"
Valve Cleaner	Automatic
Scale	1-3000 kg(Multiple Ranges Optional)
Cabinet	Standard Control Cabinet/Pressurized Explosion-Proof Control Cabinet