

LAB DOSING MACHINE

Mastering Colors · Shaping Fluids



- Accuracy $\pm 0.02\text{g}$
- Fully enclosed valve port cleaning mechanism
- Derived from the same source as raw materials for large-scale production
- Suited for Prototyping as well as Small-batch Production

PRODUCT INTRODUCTION

This equipment is primarily designed for lab-scale color matching and small-batch order production. With a weighing accuracy of up to $\pm 0.02\text{g}$, it can share raw materials with mass production lines. This eliminates batch-to-batch variations and ensures color consistency when scaling up from a lab sample to full production. Furthermore, the system is compatible with mainstream color measurement software and ERP systems.

TECHNICAL DATA

Working Environment	EX/Non-EX
Application	Water/Solvent Based Products
Number of Circuits	Up to 60
Type of Material Tank	Shared with Batching Station: Raw Material Drum / 20L Drum
Minimum Container Opening	70mm
Typical Batch Size	<10kg
Application Product Viscosity	<3500CPS
Performance	4min per 100mL / 5min per 500mL
Valve Type	Two-stage Multi Flow Valve
Accuracy	$\pm 0.02\text{g}$
Valve Cleaner	Automatic
Scale	220g/750g/5000g
Cabinet	Standard Control Cabinet/Pressurized Control Cabinet