



自动投料站 Automatic Dosing Unit

定义色彩 · 智控流体 Mastering Colors · Shaping Fluids



● 高效配料

High-efficiency Dispensing

● 定制化配置

Customized Configuration

● 最高0.1g精度

0.1g High -precision Dispensing

● 软件功能全面, 可对接ERP

Comprehensive Software Functionality with
ERP Integration

产品介绍 PRODUCT INTRODUCTION

该设备采用摆臂式结构,常用于调色配料生产,所有阀体在同一位置加料,可兼容1L到1500L接料桶,可配置多个秤台以适用不同容量接料桶,最多可加载60种原料,在工业漆、汽车修补漆等涂料配料和调色生产有广泛应用,能够对接工厂的ERP/MES系统,实现生产数据对接,生产任务扫码获取,生产数据自动收集反馈,便于后期批次追溯和物料统计。

Optimize high-volume formulation and tinting with a single-point dispensing solution. This high-capacity system utilizes a swing-arm structure that brings all valves to a centralized dispensing point, eliminating positioning errors. Highly adaptable, it supports receive containers ranging from 1L up to 1,500L via customizable multi-scale platforms and manages up to 60 different raw materials simultaneously. It is the ideal solution for industrial paint and automotive refinish production.

Transform your factory floor connectivity: built-in ERP/MES integration allows operators to scan and retrieve production tasks instantly. The system automatically captures and syncs all operational data, giving managers total control over batch traceability and raw material statistics.

产品参数 TECHNICAL DATA

适用环境 Working Environment	防爆/非防爆 EX/Non-EX
适用物料 Application	水性/溶剂性 Water/Solvent Based Products
通道数 Number of Circuits	最高60 Up to 60
原料桶类型 Type of Material Tank	储罐/桶/IBC Pails / Drums / IBCS
接料桶最小开口尺寸 Minimum Container Opening	100mm
单次生产量 Typical Batch Size	<2000L
适用物料粘度 Application Product Viscosity	<6000CPS(有更高粘度配置可选) < 6000 CPS (Higher Viscosity Configurations Available)
生产效率 Performance	20L 3-5 分钟 3-5min per 20L
阀门类型 Valve Type	三级阀门 Three-stage Multi Flow Valve
精度 Accuracy	30kg量程±1g精度, 1000kg量程+50g (可选配更高精度) Weighing capacity of 30kg with ± 1g accuracy, or 1000kg with ± 50g accuracy (Higher Precision Options Available).
泵规格 Pump Size	0.5"/1"/1.5"/2"
阀门清洗方式 Valve Cleaner	自动 Automatic
称重范围 Scale	1-3000kg(多种量程可选) 1-3000 kg(Multiple Ranges Optional)
控制柜类型 Cabinet	普通控制柜/正压型防爆控制 Standard Control Cabinet/Pressurized Explosion-Proof Control Cabinet