

# 色母自動計量機

## AUTO MASTER-BATCH DOSER



### FEATURES:

1. Simultaneous coloring automatically for saving manpower, stock of ready-mixing material and keeping lower material consumption.
2. Two ways material inlet base is designed to ensure more consistent & accurate mixing and to change materials quickly.
3. It can dose master-batch or additive accurately without mixer.
4. Using stepping motor to control RPM speed of dosing motor exactly and utmost accurate dosing.
5. The master-batch hopper equipped with material shortage alarm for convenient operation.
6. PLC & human-machine touch panel controller will calculate RPM speed properly and operate automatically by entering the molding data, it can save 20sets of molding data.
7. For the time of injection machine screw back is unstable, the dosing timer(IMD series) is designed to control the dosing time.
8. To ensure the color consistency of product, the RPM of master-batch doser(EMD series) will be controlled simultaneously by the RPM of extruder.

### 特點:

1. 同步自動配色，不須人工預先混合配色，節省工時及倉儲空間。
2. 入料底座採主要原料與色母分流設計，短時間內可迅速轉換色母及主要原料，符合經濟效益。
3. 不需加裝小型混合機，即能達到自動配色，主要原料與色母充份混合均勻之效果。
4. 計量馬達採用步進馬達，計量轉速的控制更加精準可確保色母添加量之穩定與均勻。
5. 色母貯料筒配有低料位缺料警報裝置，使成型工作更加得心應手。
6. PLC控制系統及人機介面觸控面板，只須將成型資料輸入，即自動演算所需的計量轉速，操作簡單方便，且可儲存20組成型資料。
7. 射出型色母自動計量機 (IMD系列) 加裝計量時間的控制設計，可免除射出機因每模儲料時間長短不一，而造成色母添加量不穩定之困擾。
8. 押出型色母自動計量機 (EMD系列) 採RPM轉速同步自動調整之設計，當押出量變化時，即同步自動執行所需之色母添加量，以確保產品顏色的一致性。