

LIAD ColorSave® 1000V

Advanced volumetric doser – with PLC control

Volumetric

PLC-based, gravimetric-like ease of use



Description

The ColorSave® 1000V is a highly advanced, PLC-based volumetric dosing system. Easy to operate and reliable – after a simple calibration it works much like a gravimetric system: the operator enters the shot weight and additive percentage, and the system adapts to changes automatically. Ideal for integration into an existing machine fleet, where the investment budget is a decisive factor but quality expectations are high.

Applications

- **Injection moulding:** by setting the shot weight and additive % – with automatic adaptation
- **Extrusion:** kg/h or % of extruder output – gravimetric-like setup
- **Blow moulding machine:** cycle-synchronised dosing
- **Into an existing machine fleet:** at a lower investment cost, on a volumetric basis

Key features

- **User-friendly colour touchscreen interface**
- **Automatic adaptation:** if the additive % or the injection time changes, the system self-corrects
- **Real-time material quantity display:** the material passed through the doser can be tracked continuously
- **Recipe management:** storage of up to several hundred recipes – fast product changeover
- **Can be integrated with a venturi loader;** simple maintenance, fast colour/material changes
- **Optional TCP/IP communication port**

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