

LIAD ColorSave® 1000X

Gravimetric feeder – with SmartClean technology

100 kg/h

Max. dosing throughput



Description

The ColorSave® 1000X is LIAD Smart's flagship single-channel gravimetric feeder for masterbatches and additives. With its patented SmartClean self-cleaning technology, unrivalled loss-in-weight accuracy and new-generation 7-inch touchscreen PLC controller, it is the best solution available in the industry – for injection moulding, extrusion and blow moulding machines alike.

Applications

- **Injection moulding:** Packaging (caps, closures), medical technology, automotive parts, electronics
- **Extrusion:** Film, pipe, profile – with continuous % or g/h setting
- **Blow moulding machine:** PET, PP, PE bottle and container production
- **Industry 4.0 integrated plant:** Real-time material consumption reporting via LIAD-Cloud connection

Technical specifications

Parameter	Unit	Value
Hopper size	litres	3 / 5 / 10
Throughput range	kg/h	0.3 – 100
Dosing principle	–	Loss-in-weight (weight-loss based)
Drive	–	Stepper motor
Controller	–	PLC & HMI 7" colour touchscreen (all-in-one)
Communication	–	Modbus TCP/IP
Load cell max.	kg	15 (temperature-compensated)
Loader	–	Integrated automatic venturi vacuum loader
Connection	–	Neckpiece adapter, directly in the machine throat
Alarm output	–	N/O or N/C dry contact, 0 V / opt. 24 V/30 mA
Weight	kg	16
Power supply	V / W / Hz	100–240 / 200 / 50–60

Patents: US6688493B2 · US6966456B2 · EP1347870B1

Cyber in Systems Kft. – CIS | Exclusive distributor of LIAD Smart

4183 Kaba, Baross Gábor utca 46. | info@cyberin.hu | www.cyberin.hu