

LIAD ColorSave®-Micro

The world's first low-rate gravimetric feeder – vibration principle

80 g/min

Max. dosing throughput



Description

The ColorSave®-Micro is the world's first low-rate gravimetric feeder. With its single-channel vibratory system it measures and controls the additive quantity shot by shot in injection moulding (batch mode), and continuously in extrusion and on blow moulding machines. The vibration principle ensures a simple design and easy maintenance: a single channel covers the entire dosing range.

Applications

- **Medical technology:** small precision parts – blood collection tubes, diagnostic devices
- **Electronics / optics:** micro-connectors, lens frames, LED diffusers
- **Injection moulding:** batch mode, synchronised shot by shot
- **Extrusion, blow moulding machine:** continuous g/h or % setting, RPM synchronisation

Technical specifications

Parameter	Value
Hopper size	640 cc
Throughput range	max. 80 g/min
Dosing principle	Vibratory single-channel system
Controller	Stand-alone unit with colour touchscreen
Loader	Optional integrated venturi loader
Communication	TCP/IP (standard for injection moulding; optional for extrusion)
Weight (feeder / neckpiece / controller)	10 kg / 3,3 kg / 5 kg
Power supply	100–240 V, 50/60 Hz, 20 VA
Material types	Granules, micro-granules, certain powders

Patent: US10180345B2

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