Milk-Inspector from J&M

Milk-Inspector

A new in-line measurement system for effective process monitoring. This new technology sheds light upon milk, enabling real-time determination of fat, protein and dry weight during production.

Operation

Integrate your lab into the production line without a loss in accuracy. The Milk-Inspector uses the latest developments for more reliable and accurate measurement results.

Milk-Inspector is a novel scientifically proven in-line optical measurement system for fat, protein and dry weight analysis during the production.

Due to the very short measurement time you can monitor these parameters in more detail and with maximum accuracy for control and documentation. See for yourself and be convinced by the easy handling of this system.

With Milk-Inspector you have the newest measurement technology for your daily work.
Milk-Inspector provides reliable analysis and cost savings during milk production. Precise real-time measurements help to increase profitability (e.g. by avoiding fat excess) and to keep sustainable product quality.

Requirements

Integrate Milk-Inspector into existing plant seamlessly. Easy connection to your process control system saves your time and money.

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Specifications

Performance	
Application range	Measurement of fat, protein, dry weight
Accuracy	± 0.05% fat, ± 0.03% protein, ± 0.06% dry weight
Analyzer	VIS/SW-NIR
Measurement time	2 secs.
Communication	
Outputs	Four current outputs 4…20 mA / 16 bit resolution OPC, 8 digital I/O
Inputs	8 digital I/O
Analyzer connection	Protected light fibre cable up to 5 m
Process connection	VARINLINE® DN60-DN125
General	
Power supply	80 – 265 Volt AC 50 Hz; 24V; 80 Watt
Dimensions	510 mm x 550 - 669 mm x 210 mm (W x H x D)
Weight	19 kg
Operating unit	Fitted into a Rittal Hygienic Design enclosure with 30° roof tilt
Approvals	
Protection category	IP 65
Hygienic approvals	FDA approved
	Technical data are subject to change without notice.