

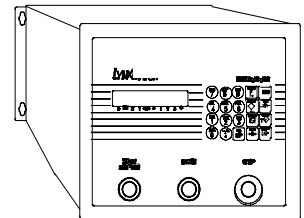
LYNX™ Filling Controller

Simple,
Self-Contained
Filling Controller

Model	Filling Enclosure
Physical Dimensions W x H x D	282 mm x 239 mm x 244 mm 11.12 in x 9.42 in x 9.62 in
Operating Temperature	-10°C to 45°C (14°F to 113°F) 10 to 95% humidity, non-condensing
Power	2 Versions $\left\{ \begin{array}{l} 85 \text{ to } 132 \text{ VAC, } 49\text{-}63 \text{ Hz} \\ 180 \text{ to } 264 \text{ VAC, } 49\text{-}63 \text{ Hz} \end{array} \right.$
Environmental Protection	NEMA 4X (IP65) Stainless Steel
Display	10 characters, 5 x 7 dot matrix vacuum fluorescent display, 0.44 in / 11 mm high characters
Controller PCB	<ul style="list-style-type: none"> Discrete inputs and outputs COM1: RS232 or RS485 COM2: RS232 or 20mA current loop active xmit/passive receive COM3: RS422 or DigiTOL® Scale

Options:

- Analog Weight Output (16 Bit Resolution)
- BCD Weight Data Output (6 Digit)
- HAP (Hazardous Area) Analog Scale Interface



Filling Enclosure

Features	Benefits
Harsh Environment Enclosure	<ul style="list-style-type: none"> Better sanitation and cleaning No exposed door fasteners
All Stainless Steel Construction	<ul style="list-style-type: none"> Resists corrosion Ideal for chemical and food applications
A/N Keyboard Entry	<ul style="list-style-type: none"> Intuitive setup and custom operator prompting
3 Serial Ports	<ul style="list-style-type: none"> Interface multiple serial peripheral devices for data input and output - fully configurable
2 Printer Templates	<ul style="list-style-type: none"> Customize serial outputs to print exactly what is required
Flexible Data Record Storage and Acquisition	<ul style="list-style-type: none"> Template for custom definition of transaction data record More than 4k bytes of data record storage memory Bi-directional serial host protocol permits end-to-end secure acquisition of transaction records
Self Diagnostics	<ul style="list-style-type: none"> Quick, simple troubleshooting to save installation, start-up, and troubleshooting time
20 Updates per Second (Analog Scale)	<ul style="list-style-type: none"> Quick weight response resulting in more accurate delivered material weights
TraxDSP™ Filtering	<ul style="list-style-type: none"> Reduces vibration effects to improve material target weight comparisons for more accurate weights 100% digital filters including automatic tuning
Removable Terminal Strip Connections	<ul style="list-style-type: none"> Reliable wiring connections are easier to make Improved serviceability
Flexible Filling Sequence	<ul style="list-style-type: none"> Program the sequence of control as required Filling and discharge control for precise final gross or net material weights Permits operator interaction to reduce operating errors Automate printing and data collection
Internal High-Level Inputs And Outputs	<ul style="list-style-type: none"> Simplifies installation and interface of control devices Allows direct connection of feeders and valves
Operator Push Buttons	<ul style="list-style-type: none"> Provides pre-wired START push button Operator can JOG material feed to make adjustments EMERGENCY STOP maintained, push button operator hard-wired to feeder and valve outputs
Two-Speed Feeder Control With Preact	<ul style="list-style-type: none"> Improves filling cycle time while maintaining accuracy Automatically compensates for material feed cutoff delays and in-flight material

This product was developed, produced and tested in a Mettler Toledo facility that has been audited and registered according to International (ISO 9001) quality standards.

METTLER TOLEDO

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Internet: www.lacrossescale.com

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Contact LSI @ 800-453-7232 or email: sales@lacrossescale.com for further information.