DataBrief

LynxBatch®

Batching Controller

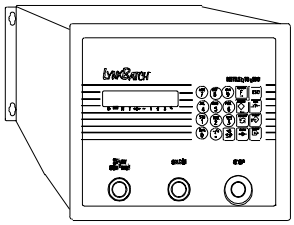
Description	Harsh Enclosure	Panel Enclosure
Physical Dimensions W x H x D	282 mm x 239 mm x 244 mm 11.12 in x 9.42 in x 9.62 in	255 mm x 142 mm x 210 mm 10 in x 5.6 in x 8 in 6.5 in Depth behind the panel
Operating Temperature	-10°C to 45°C (14°F to 113°F) 10 to 95% humidity, non-condensing	
Power	2 Versions < 85 to 132 VAC, 49-63 Hz 180 to 264 VAC, 49-63 Hz	
Environmental Protection	NEMA 4X (IP65) Stainless Steel	NEMA 4 (IP65) front panel NEMA 1 (IP30) rear
Display	10 characters, 5 x 7 dot matrix vacuum fluorescent display, 0.44 in/11 mm high characters	
Controller PCB	• 5 programmable discrete outputs • COM1: RS232 or RS485 • COM2: RS232 or 20mA current loop active xmit/passive receive • COM3: RS422 or DigiTOL® Scale	

Options:

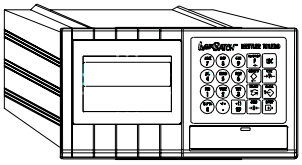
- Expanded I/O Board with 8 Inputs and 8 Outputs
- High Level Input and Output Buffer Relays
- DataVault Personal Computer Software for Material and Recipe Management
- HAP (Hazardous Area) Analog Scale Interface

Features	Benefits
Automatic Batching	■ Up to four (eight with I/O expansion option) materials accurately controlled according to a user-defined recipe ■ Improves quality and frees operators for other tasks
Manual Batching	■ Manual batching control for up to 50 materials to improve accuracy, reduce operator error, and provide historical data ■ Bar code material validation reduces material substitution errors and meets quality system documentation requirements
Simple Operation	■ A recipe is selected and executed with two push buttons ■ No need to remember recipe ID's
Operational Security	■ Password protection of programming and setup provides data security
Power Loss Recovery	■ No batches are lost due to a power failure ■ The LynxBatch controller finishes batch when power is restored
Flexible Batching Sequences	■ The operator can be prompted for 10 data fields, batch size, number of batches and material target weight changes ■ Recipes are freely formatted by the user ■ No restriction on batch sequences of up to 99 steps
Automatic Tuning	■ Can automatically determine and tune batching parameters and TraxDSP™ filtering for optimal performance
Container Filling	■ Simple and accurate net weight filling control
Flexible Input and Output Utilization	■ Functional assignments of inputs and outputs allows optimal utilization of available I/O ■ Outputs can be controlled and inputs can be monitored during recipe execution to sequence and interlock equipment
Standard and Custom Reports	■ Six predefined reports plus one programmable report provide hard copy records of batch formulation

Improves Batch Quality, Accuracy and Productivity



Harsh Environment Enclosure



Panel Mount Enclosure

Produced in a Facility that is ISO 9001 certified

Contact LSI Scales & Systems at 800-453-7232 or visit us at www.lacrossescale.com for further information.