

For Powerful, Graceful, Reliable
Weighing Performance Every Day



LYNX®

Industrial Scale Terminal

METTLER TOLEDO

Let the LYNX Terminal Take Charge of Your Weighing Applications



The LYNX terminal offers simple but powerful operation for many applications.



You use the scale day-in and day-out. Without it, production stops. Operators have to move fast to get things done. There is no time for errors or guesswork.

You need a scale terminal that is quick and reliable; one you can install and count on.

You need the LYNX industrial scale terminal.

The LYNX terminal combines flexibility and speed with an easy-to-use operator interface to take charge of filling control, weight accumulation, dynamic weighing, storing of tare weights, operator prompting for sequencing, and more. Whatever your weighing needs, the LYNX terminal can handle it with simplicity, agility, and durability.

Simplicity

- Easy to follow operating prompts
- Automates repetitious processes
- Ability to enable only the features needed
- Installs quickly and easily

The LYNX terminal addresses demanding process requirements, yet is easy to setup and use. Operations are simple because the LYNX terminal communicates to the operator with human readable messages and input prompts. Repetitious processes can be automated to minimize operator interaction and to ensure repeatable results.

Agility

- Adapts to many applications
- Interfaces to external data and control systems
- Supports most types of scales

The LYNX terminal is flexible enough to adapt to the simplest weighing applications or the most complex. It supports different types of peripheral equipment connections, including printers, bar code scanners, and discrete I/O devices. The LYNX terminal also can support most types of scales. It can even revitalize existing weighing platforms.

Durability

- Maximizes uptime with reliable performance
- Minimizes maintenance, calibration, and diagnostics
- TraxDSP™ filtering for stability
- Meets global standards



The LYNX terminal withstands the tough use that production schedules demand and operators dish out. The NEMA4X, IP65 stainless steel enclosure is ideal for the wash-down, corrosion protection, and sanitation requirements of food, chemical, and pharmaceutical production environments.

The LYNX terminal uses METTLER TOLEDO's exclusive TraxDSP technology to provide the best mix of filtering and speed to provide reliable, repeatable results even while mixing or agitating on the scale. It meets international standards for electrical safety and legal metrology, so it can be confidently used anywhere you do business.

Lasting Value

With over 10,000 installed, the LYNX terminal is the proven leader in the chemical, food, pharmaceutical, and other manufacturing industries. METTLER TOLEDO's global leadership in weighing product design and manufacturing and its unparalleled level of service and support make the total cost of ownership of the LYNX terminal, the lowest available anywhere.





The LYNX terminal connects to many types of peripheral devices.

LYNX TERMINAL from Mettler Toledo		
10:35:56pm	98/11/16	3
GROSS WEIGHT:	205.7 kg	
TARE WEIGHT:	61.2 kg	T
NET WEIGHT:	144.5 kg	

JOHNSON STOCKYARDS	
Time -	16:45
Date -	03.23.99
* 12,015 lb GROSS	

CATALYST CHEMICAL INC. LAKE SHORE PLANT		
10:26pm	Nov-16-1998	1
GROSS WEIGHT:	261.8 kg	
TARE WEIGHT:	91.3 kg	T
NET WEIGHT:	170.5 kg	

CATALYST CHEMICAL INC. LAKE SHORE PLANT		
10:27pm	Nov-16-1998	2
GROSS WEIGHT:	189.6 kg	
TARE WEIGHT:	66.0 kg	T
NET WEIGHT:	123.6 kg	

CATALYST CHEMICAL INC. LAKE SHORE PLANT		
10:27pm	Nov-16-1998	3
GROSS WEIGHT:	156.1 kg	
TARE WEIGHT:	23.8 kg	T
NET WEIGHT:	132.3 kg	

RESIN TEAM	
PRODUCT TRANSFER TICKET	
TIME 10:27pm	DATE Nov-16-1998
LAST ON	3
SUBTOTAL	426.4 kg
TOTAL	426.4 kg

Customized printing and data output use easy to design templates.

You can use the LYNX terminal throughout your facility to serve all of these diverse applications:



Weight Accumulation

Accumulate transactional weight data in sub-total and total registers to account for product lots or multiple items on a pallet. Let the operator initiate the transaction or the LYNX terminal can do it automatically. You can even inhibit accidental repeat prints to avoid accumulation errors. Just set up the LYNX terminal and immediately start production.



Data Collection

The LYNX terminal can automatically collect, print, and store weighing transaction data records. Its exclusive prompt mode makes custom weighing, keying, scanning, and printing sequences as simple as making a list. A robust data record memory table and host interface protocol make end-to-end secure data acquisition just as



Dynamic Weighing

The LYNX terminal can capture weights from loads such as livestock that are unstable. The operator or a discrete control input initiates the start of the weighing cycle. The LYNX terminal will average weight samples over a preset period of time to capture, display and print the average weight value.



Container Filling Automation

When filling bags, drums,

cartons, or totes, the LYNX terminal can give you precise cutoff control to ensure accurate net weights and reduce product give-away. Selfpoint, Feed, and Discharge actions provide flexibility for automating one- or two-speed filling systems with preact. Use automatic printing to produce weight labels and tickets or an audit trail report and data collection to store and interface the filling data records.



Tare Recall and Accumulation by ID

The LYNX terminal can store up to 99 data records for pre-programmed tare values and accumulation by product ID. For example, assign an ID to each product type then recall the product's container tare weight and accumulate production totals by product ID. You can also use this standard application mode for simple truck in and out accounting.



Process Automation Interfaces

The LYNX terminal has extensive I/O capabilities including discrete inputs and outputs, analog weight output, serial data interface, and BCD data output. Whether your automation solution uses Programmable Logic Controllers (PLC), Distributed Control Systems (DCS), Personal Computers (PC) or another type of controller, the LYNX terminal can interface and integrate weight and other application data into your system.

All external wiring connections are removable, clamp type terminals.



A quick overview of the best value in powerful, graceful weighing performance.

The LYNX terminal is available in three enclosure styles to allow it to adapt perfectly to your physical environment:

Harsh Environment Enclosure

For general purpose, wet or corrosive environments

- Wall, desk or column mounted
- NEMA4x, IP65 brushed stainless steel (type 304)
- Sanitary cover latching system
- Grip bushings for cable entry
- Internal removable terminal strips for wiring termination
- 12 lb (5.5 kg) shipping weight

Panel Mount Enclosure

Allows LYNX terminal to be integrated into an industrial enclosure

- NEMA4, IP65 front panel and NEMA1, IP30 behind the panel
- Removable terminal strips for wiring termination
- Cable tie eyelets for wiring strain relief
- 11 lb (4.9 kg) shipping weight

Harsh Environment Filling Controller

A packaged solution for filling system control applications

- Wall, desk or column mounted
- NEMA4x, IP65 brushed stainless steel (type 304)
- Sanitary cover latching system
- START, JOG, and EMERGENCY STOP push buttons
- Terminal strip for high level I/O wiring
- Removable terminal strips for low level wiring
- 21 lb (9.4 kg) shipping weight

Features	Benefits
Globally Accepted and Approved	Meets the standards demanded by current and future customers and can be deployed world-wide
TraxDSP Filtering	Responsive, stable weight display even in unstable weighing environments
Prompting Mode	Automates operator interaction and feed and discharge sequences of control to improve productivity and precision
Print And Data Templates	Allows free formatting for serial data output to printers and for transaction data record storage
Flexible Serial Communications	Permits interface to many peripheral devices and for data exchange with plant information systems
Data Memory	Stores and recalls transaction parameters and accumulates and stores production data to improve weight process accounting
Field Upgradable	Downloadable program memory, options, and accessories combine to secure your investment for many years
Dual Range Precision	The readability of the scale will automatically switch from fine to coarse resolution depending on the weight



Self contained LYNX Filling Controller model



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