

Weighing Terminals



IND235 Terminal

Basic Weighing

Checkweighing

Counting

Animal Weighing

Weight Accumulation



Cost-Effective Weighing Terminal

No Compromise in Performance

METTLER TOLEDO

Rugged, Operator-Friendly Weighing Terminal Provides a Reliable Solution

- Large LCD display with backlight provides good readability under varying light conditions
- Rugged stainless steel housing fulfill requirements in a variety of factory environments
- A long-life battery option creates a versatile mobile weighing solution
- Included application-specific software provides out of the box functionality for a variety of weighing applications



IND236 terminal with rugged stainless steel housing

Fast and easy operation

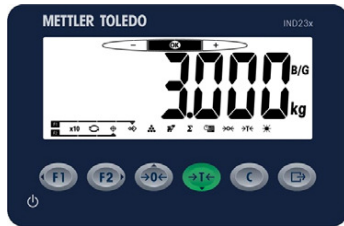
- Rugged polyester membrane keypad with responsive tactile feedback.
- Pre-defined, application specific print templates provide a quick transaction record.
- Simply and easily assign the function key allowing for fast switching between weighing modes via a single key press.
- Simple configuration via clearly defined menu navigation keys.

Flexible connectivity

- In addition to one standard RS232 port, an additional connectivity option can be added:
 - RS232/RS422/RS485
 - USB device
 - Discrete I/O

Standard Applications

IND235 terminal is not only an excellent choice for basic weighing applications, but are also designed to support different application-specific requirements such as Checkweighing, counting, animal weighing, and weight accumulation. Pre-defined application specific print templates, including date and time information, provide a record of the transaction or integration into PC based software applications.



Over/Under checkweighing

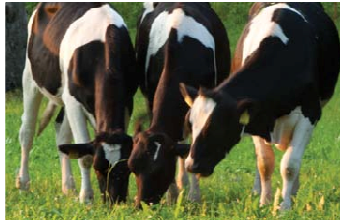
Faster and efficient Over/Under Checkweighing operation:

- 10 stored targets with easy configuration and editing.
- Fast target recall via a single function key.
- Clear indication of Over/Under status via graphic weight status symbol.
- Ability to assign discrete outputs to target status, allowing for control of signal lights or other peripheral devices.



Counting with APW enhancement

- Average piece weight (APW) enhancement provides a more accurate counting result. As the number of weighments increase, the counting accuracy automatically increases.
- Easy switching between piece count and total weight.
- Quick recall of average piece weight and reference weight.



Animal weighing

- Animal weighing mode is quickly activated via the user defined function key.
- Fixed weighing averaging time interval, with averaged weight displayed until next weighing transaction is activated.
- Application specific print template automatically printed, resulting in increased productivity via hands-free operation

Date	YYYY.MM.DD	
Time	HH:MM:SS	
Total	XX.XXX	Unit
Count	XX.XXX	
Gross	XXXX.XXX	Unit
Tare	XXXX.XXX	Unit
Net	XXXX.XXX	Unit


Accumulation

- Both manual accumulation and auto accumulation for gross or net weight.
- Accumulation result can be displayed and printed.



Remote display

IND 235 terminal can function as a remote display for many METTLER TOLEDO industrial weighing terminals. The remote terminal can control the host terminal via clear, tare, zero and print key presses. The application on the host terminal to function when a remote terminal is connected.

Technical Data	
	
Terminal	IND 235
Dimensions(WxHxD)	220 x 150x 80.7 mm
Construction	Stainless Steel
Mounting	Mounting to wall, desks or column via included adjustable angle mounting bracket
Power	230 VAC, 50Hz
Operating Environment	-10°C to +40°C (14°F to 104°F), 10% to 95% relative humidity, noncondensing
Accuracy	Class II / Class III
Resolution	30000d (Class II)
	Max. 10000d (Class III)
Display	40mm high weight display, seven digits seven segment LCD with white backlight
Scale Interface	one analog scale
Load Cell	Analog type
Units of Measure	g, kg, lb, oz
Ingress Protection	IP67
Keypad	Seven function keys: Zero, Tare, Clear, On/Off, Print, F1 & F2 (definable)
Communication Options	Standard: COM1 RS232
	Option: COM2 isolated RS232/RS422/RS485
	COM2 USB device for connection to PC
	COM2 2 input/ 4 output Discrete I/O
Application	Basic Weighing, X10, Date & Time, Animal weighing, Counting with APW enhancement, Over/Under check weighing with 10 records database, Accumulation, Remote display
Platforms	Weigh Bridge Range 10-40 Metric Ton
	Weigh Bridge Range 50-80 Metric Ton
	Weigh Bridge Range 100-200 Metric Ton
Accessories	Wall/ Pole Mount Bracket, Table Mount Bracket

Capacity / Resolution

Weigh Bridge Capacity [Tons]	10	20	30	40	50
Readability (d) [kg]	5	5	5	5	10
Accuracy (e = d)[kg]	5	5	5	5	10
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Weigh Bridge Capacity [Tons]	60	80	100	150	200
Readability (d) [kg]	10	10	20	20	20
Accuracy (e = d)[kg]	10	10	20	20	20