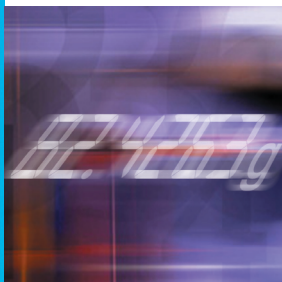


Intrinsically safe weighing platforms WMH-Ex designed for automation



Fast

Typical stabilization times below 500 milliseconds (example for 32 kg platform); 19 update values per second.



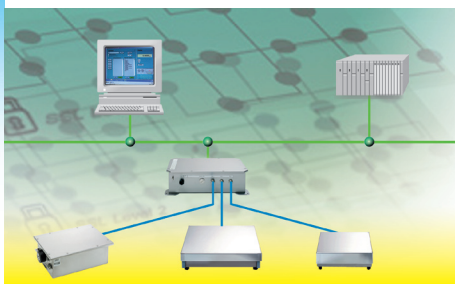
Rugged

Proven METTLER TOLEDO MonoBloc technology and platform mechanism. All scales and load-plates available in same material as respective K-line platforms, IP66/67 protection, trouble-free cleaning. Overload protection built into platform mechanism.



Precise

High resolution - up to 320,000 points. Thanks to individual adjustability of filter characteristics and stability criteria, the platform can be optimally configured for any environment.



Direct

Efficient data transfer to process control systems via PSU power supply module - without terminal. Up to three weighing platforms connectable to a single power supply module. Optional Profibus DP, DeviceNet or Ethernet communication via accessory modules.



For use in automated processes in hazardous environments (Zone 1, 21; Class I, II, III, Div. 1) - connectable without terminal.

Based on a proven product line, tailored for fast filling and weighing, the METTLER TOLEDO WMH-Ex line offers a wide range of platform sizes and accessories from roller tracks to pit frames. Platform sizes and accessories are equal to Kx-line.

WMH-Ex line - the sum of all advantages:

- Weighing range from 15 kg to 3000 kg
- Directly connects to control systems
- Increases speed and accuracy of filling processes
- Optimizes the use of valuable materials
- Enhances process safety by increasing precision
- Reduces cycle times
- Increases production volume
- Minimizes downtimes

METTLER TOLEDO

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 Ζύγιση
 Σήμανση
 Συμμόρφωση

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Digital precision weighing platforms with ATEX 95 and FM compliance



Model	Max. preload*	Max. capacity	Readability	Repeatability (sd)	Linearity typ.	Platform size (mm)	Height (mm)
WMH15sx	7 kg	15 kg	0.1 g	0.05 g	+/- 0.3 g	OEM cell (LxWxH: 252x180x87 mm)	
WMH32sx	3 kg	32 kg	0.1 g	0.1 g	+/- 0.4 g	OEM cell (LxWxH: 252x180x87 mm)	
WMHA15sx	5 kg	15 kg	0.1 g	0.05 g	+/- 0.3 g	350 x 280	117...130
WMHA32sx	3 kg	32 kg	0.1 g	0.1 g	+/- 0.4 g	350 x 280	117...130
WMHB60x	29 kg	60 kg	1 g	0.4 g	+/- 1 g	500 x 400	123...148
WMHCC150x	63 kg	150 kg	1 g	0.5 g	+/- 2 g	800 x 600	130...155
WMHCC300x	147 kg	300 kg	2 g	1 g	+/- 5 g	800 x 600	130...155
WMHCS300x	107 kg	300 kg	2 g	1 g	+/- 5 g	800 x 800	115...140
WMHCS600x	255 kg	600 kg	10 g	5 g	+/- 10 g	800 x 800	115...140
WMHC300x	97 kg	300 kg	2 g	1 g	+/- 5 g	1000 x 800	115...140
WMHC600x	235 kg	600 kg	10 g	5 g	+/- 10 g	1000 x 800	115...140
WMHD600x	168 kg	600 kg	10 g	10 g	+/- 25 g	1250 x 1000	180...205
WMHD1500x	627 kg	1500 kg	20 g	20 g	+/- 50 g	1250 x 1000	180...205
WMHE1500x	538 kg	1500 kg	20 g	20 g	+/- 50 g	1500 x 1250	182...207
WMHE3000x	1216 kg	3000 kg	50 g	50 g	+/- 100 g	1500 x 1250	182...207
WMHES1500x	509 kg	1500 kg	20 g	20 g	+/- 50 g	1500 x 1500	197...222
WMHES3000x	1216 kg	3000 kg	50 g	50 g	+/- 100 g	1500 x 1500	197...222

(*) Maximum preload that may centrally be applied without restricting the weighing range

General technical data

Protection type according to ATEX 95:	II 2 G EEx ib IIC T4; II 2 D IP 66/67 T 55 °C
FM approval for:	Class I, II, III, Division 1, Groups A, B, C, D, E, F, G
Degree of protection:	IP 66/67
Permissible temperature range:	0 to 40 °C for performance according to accuracy class II -10 °C to 40 °C for performance according to accuracy class III
Data transmission rate:	Up to 19 update values per second
Tare resp. zero setting range:	From zero to maximum load
Power supply:	PSU/TBrick-Ex/RS, 100-240 V AC, max. 510 mA
Data interfaces:	RS232 via PSU Profibus DP, DeviceNet and Ethernet with additional modules (accessories)

Standard features

- Built-in overload protection
- Scales & load plates available in various materials and finishes
- Built-in adjustment weight
- Detailed operating instructions
- CD with configuration and visualization software
- Control mode with auxiliary numerical increment (one more decimal place than standard readability)
- 5 m cable included in delivery

Accessories

- Longer connection cables WMH-Ex to PSU
- Various bench stands, roller tracks, approach ramps, pit frames
- Profibus module (Profibus DP), DeviceNet module, Ethernet module
- Adjustment weights

System configurations

