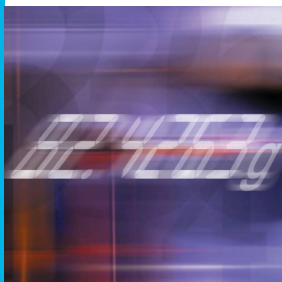


## Intrinsically safe weighing platforms WMH-Ex designed for automation



### Fast

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



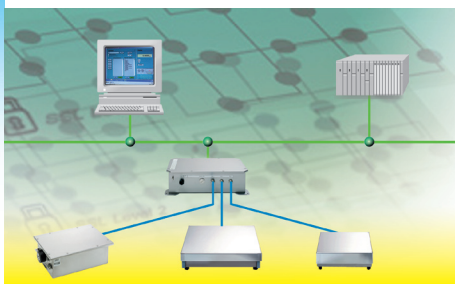
### Rugged

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

# 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

