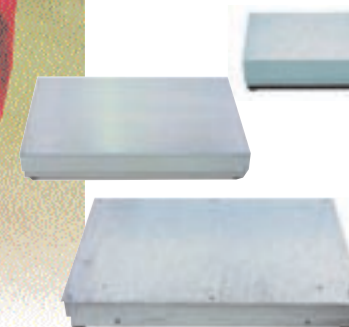


Global Solutions for High Precision Weighing Requirements



High resolution weighing platforms from METTLER TOLEDO:

- Precise
- Rugged
- Reliable



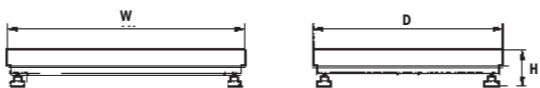
METTLER TOLEDO

Load plates		Part no.	
For KD:	- black powder coat	00 503 617	
	- hot galvanized	00 503 618	
	- stainless steel	00 503 619	
For KE:	- black powder coat	00 503 620	
	- hot galvanized	00 503 621	
	- stainless steel	00 503 622	
For KES:	- black powder coat	00 504 504	
	- hot galvanized	00 504 505	
	- stainless steel	00 504 506	
For KG:	- black powder coat	00 503 623	
	- hot galvanized	00 503 624	
	- stainless steel	00 503 625	
For KN:	- black powder coat	00 503 667	
	- hot galvanized	00 503 668	
Load plate + back panel	- hot galvanized	00 503 669	
	- stainless steel	00 503 669	

Pit frames		Part no.	
For KC300, KC600:	- hot galvanized	00 503 635	
	- stainless steel	00 503 636	
For KCS300, KCS600:	- hot galvanized	00 504 550	
	- stainless steel	00 504 551	
For KD...:	- hot galvanized	00 504 077	
	- stainless steel	00 506 399	
For KE...:	- hot galvanized	00 504 079	
	- stainless steel	00 506 400	
For KES...:	- hot galvanized	00 504 512	
	- stainless steel	00 506 401	
For KE...sk:	- stainless steel	00 505 270	
	- stainless steel	22 007 261	
For KG... (dry):	- hot galvanized	00 504 082	
	- hot galvanized	00 504 082	

Pit frame with cleaning recess on both sides		Part no.	
For KD...:	- hot galvanized	00 504 078	
	- hot galvanized	00 504 080	
For KE...:	- hot galvanized	00 504 513	
	- hot galvanized	00 504 083	

Weighing platform dimensions (inch/mm)



Model	W	D	H
KA	13.8/350	11.0/280	4.6-5.1/117-130
KB	19.7/500	15.7/400	4.8-5.8/123-148
KCC	31.5/800	23.6/600	5.1-6.1/130-155
KCS	31.5/800	31.5/800	4.5-5.5/115-140
KC	39.4/1000	31.5/800	4.5-5.5/115-140
KD	49.2/1250	39.4/1000	7.1-8.1/180-205
KE	59.1/1500	49.2/1250	7.2-8.1/182-207
KES	59.1/1500	59.1/1500	7.8-8.7/197-222
KG	78.7/2000	59.1/1500	7.8-9.7/196-246
KN*	59.1/1500	49.2/1250	2.2-3.9/55-100

* Roll-on/roll-off area

Sales and service:

Subject to technical changes © Mettler-Toledo GmbH MCG 07/03 Printed in Germany 22 007 818

Accessories

Measuring cell extension cable Part no.
Length 333 ft/10 m, pluggable both ends, for remote placement of ID terminal 00 504 134

Cable adapter kit
Comprising two connection boxes for stepless extension of connection cable to 33 ft/100 m. Box on terminal side has 8 ft/2.5 m connecting cable. 00 504 133

ID Net Cable
For use with the connector set for stepless extension of the connection cable to the ID terminal. Length 333 ft/100 m 00 504 177

Bench stand for KB60, KCC150, KCC300
Stable frame construction, 2 feet with casters, 1 fixed foot with leveling screw, height approx. 22 in/560 mm.
B size 19.7x15.7 in/500x400 mm
- Powder coat 00 503 631
- Stainless 00 503 632
CC size 31.5x23.6 in/800x600 mm
- Powder coat 00 504 853
- Stainless 00 504 854

Bench support for KB60, KCC150, KCC300
For fastening terminal ID1 Plus, ID3s, or ID7 to bench stand, including fastening material.
- Powder coat 00 504 127
- Stainless 00 504 128

Scale support for KA15, KA32s, KB60
For fastening terminal ID1 Plus, ID3s, or ID7 to the weighing platform. All stainless model. 00 504 439

Roller tracks
Steel-clad rollers, lengthwise motion
B size 19.7x15.7 in/500x400 mm
- Corrosion protected 00 503 640
- Stainless (not for Ex Zone 1) 22 001 647
CC size 31.5x23.6 in/800x600 mm
- Corrosion protected 00 504 852
- Stainless (not for Ex Zone 1) 22 001 648

Approach ramp
for KC300, KCS300, KC600, KCS600. Symmetrical steel construction with hot galvanized tread plate surface. 39.4x313.5 in/1000 x 800 mm, max. safe load 1000 kg 00 503 638

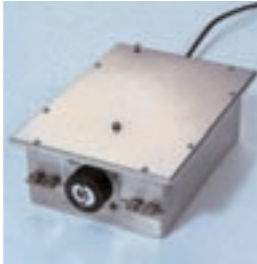
Extra load plate for KC300, KC600
In polished stainless steel. To fit over existing load plate as surface protection for more stringent hygienic requirements. 00 503 629

Quality certificate.
Development, production and testing according to ISO9001. Environmental management system according to ISO14001.

European conformity.
The CE conformity mark provides you with the assurance that our products comply with the most recent EU directives.

National Type Evaluation Program (NTEP)
Approved instruments comply with United States Handbook 44 regulations.

International Organization for Legal Metrology (OIML)
Certified versions of these instruments comply with OIML R76 recommendations and European Standard EN45501.



Trbrick measuring cell
Monobloc with built-in electronics

Wide range of products for every application.

K Line covers the weighing range from 15 kg/30 lb to 6000 kg/12,000 lb. Different platform sizes and different construction types such as bench scales, free-standing pit-mounted floor scales or easy to clean scales, offer our customers the right solution for their specific application.

The measuring cells of the K Line use the principle of electromagnetic force compensation. The high performance digital measuring cell in monobloc technology offers a high resolution of 15,000 or 32,000 calibration divisions. The measuring cell also sets new standards for linearity and readability. Combined with the sturdy frame construction, K Line weighing platforms for long-term weighing precision.

Precise, Rugged and Reliable



KA15s	KA32s	KB60/s	KCC150/s	KCC300/s
Bench scale			Stand scale	
13.8 x 11.0		19.7 x 15.7	31.5 x 23.6	
4.6 - 5.1		4.8 - 5.8	5.1 - 6.1	
3)	3)	1) 3)	1) 3)	1) 3)
3)	3)	3)	3)	3)

IP66/67	8..2			
15	32	60	150	300
0.1	0.1	1	1	2
0-3/1	0-6/1	0-15/5	0-30/10	0-60/20
3-6/2	6-12/2	15-30/10	30-60/20	60-150/50
6-15/5	12-32/5	30-60/20	60-150/50	150-300/100

0.3	0.64	1.2	3	6
6	3	25	64	120

1/5	1/5	10/50	10/50	-
1/20	1/20	5/100	10/200	20/400
2/40	5/100	10/200	20/400	50/1000
50	50	120	500	500
40	40	80	300	300
30	30	40	150	150

0.05	0.1	0.4	0.5	1
0.2	0.2	1	2	5

0.2	0.2	1	2	5
0.1	0.1	0.5	1	2
5	10	20	50	100

NTEP approval: 15 - 600 kg. 1) Powder-coated/enamelled, 2) Hot galvanized, 3) Chrome-nickel steel



KB60s bench scale with ID7 terminal



Easy lifting KE1500sk pit scale with ID7 terminal

K Line – High Precision Scales for Industry



- Weighing ranges from 33 lb/15 kg to 13,200 lb/6,000 kg
- Platform sizes from 13.8 x 11.0 in. to 78.7 x 59.1 in.
- Choice of powder coat, hot galvanized, or stainless steel finish
- Certifiable resolution 15,000d / 32,000d
- Standard explosion protection Cat. 3 GID (ATEX)
- Dust and water protection according to NEMA 44 (IP66/IP67)
- Large selection of accessories

Easy to clean

Thanks to the easy lifting load plate of the K...sk models, thorough cleaning is easier than ever before.



Multiple features for multiple applications

Stringent sanitation regulations in the food, meat processing, chemical and pharmaceutical industries manufacturing are met with ease by K Line weighing platforms. Practically all models are available in stainless steel, guaranteeing maximum resistance to corrosion.

The housing of the TBrick measuring cell has protection against penetration by water and dust according to IP66/ 67 (NEMA 44).



The Kx..T4 line, with TBrick-ex load cell inside, is FM approved according to Class I, II, III, Div. 1, Group A - G. Together with the matching terminal - ID7sx - METTLER TOLEDO provides a complete, highly protected weighing system for the use in hazardous areas.



Constructed with a built-in calibration weight the measuring cell can be adjusted on-site anywhere in the world. Global use and relocation are no longer a problem. Besides high resolution (HR), the cell can also be configured for multi-interval (MI) or single-range (SR) at the workplace.

Wide range of terminals and accessories

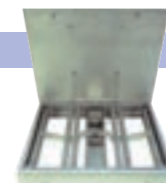
A large selection of displays complements the wide product offering of the K Line. The operating terminals of the ID family, such as ID1Plus, ID7, or ID30 as well as JagXtreme, connect easily to the weighing platforms and can be used immediately – "plug 'n weigh" becomes reality.

The operating terminals are extremely versatile:

- connection of up to 3 platforms*
- data interfaces available for CL, RS232, RS485, Ethernet, Profibus, etc.*
- optional software modules for formula weighing, dispensing, totaling, counting, etc.*
- peripherals such as printer, external keyboard, etc.*

The K Line also includes a full range of accessories such as bench stands, scale stands, roller tracks, approach ramps, and pit frames.

K Line Precise, Rugged and Reliable



Model	KCS300/s	KCS600/s	KC300/s	KC600/s	KD600	KD1500	KE1500/sk	KE3000/sk	KES1500/sk	KES3000/sk	KG3000/g	KG6000/g	KN1500/g
Type of construction	Floor/pit scale												
Platform size [inch]	31.5 x 31.5		39.4 x 31.5		49.2 x 39.4		59.1 x 49.2		59.1 x 59.1		78.7 x 59.1		59.1 x 49.2
Scale height (min. - max.) [inch]	4.5 - 5.5				7.1 - 8.1		7.2 - 8.1		7.8 - 8.7		7.7 - 9.7		2.2 - 3.9
Scale finish	1) 3)	1) 3)	1) 3)	1) 3)	2)	2)	2) 3)	2) 3)	2) 3)	2) 3)	1) 2)	1) 2)	1) 2)
Load plate finish	2) 3)	2) 3)	2) 3)	2) 3)	1) 2) 3)	1) 2) 3)	1) 2) 3)	1) 2) 3)	1) 2) 3)	1) 2) 3)	1) 2) 3)	1) 2) 3)	1) 2) 3)
Protection type	IP66/67												
Connecting cable length [ft]	16												
Weighing range													
Max. load [kg]	300	600	300	600	600	1500	1500	3000	1500	3000	3000	6000	1500
Readability (HR) [g]	2	10	2	10	10	20	20	50	20	50	50	100	20
Readability (MI) [kg/g]	0-60/20	0-150/50	0-60/20	0-150/50	0-150/50	0-300/100	0-300/100	0-600/200	0-300/100	0-600/200	0-600/200 ⁴⁾	0-1500/500 ⁴⁾	0-300/100 ⁴⁾
	60-150/50	150-300/100	60-150/50	150-300/100	150-300/100	300-600/200	300-600/200	600-1500/500	300-600/200	600-1500/500	600-1500/500	1500-3000/1000	300-600/200
	150-300/100	300-600/200	150-300/100	300-600/200	300-600/200	600-1500/500	600-1500/500	1500-3000/1000	600-1500/500	1500-3000/1000	1500-3000/1000	3000-6000/2000	600-1500/500
Taring range (subtractiv) [kg]	0 - max.												
Preload range ⁴⁾													
Zero setting range [kg ±]	6	12	6	12	12	30	30	60	30	60	60	120	30
Preload range [kg]	120	255	105	255	200	640	600	1270	600	1270	1270	2550	630
Certification data to OIML													
Class II (d/min. capacity) [g/g]	–	100/500	–	100/500	–	–	–	–	–	–	–	–	–
Class III MI (d/min. capacity) [g/g]	20/400	50/1000	20/400	50/1000	50/1000	100/2000	100/2000	200/4000	100/2000	200/4000	200/4000	500/10000	100/2000
Class III SR (d/min. capacity) [g/g]	50/1000	100/2000	50/1000	100/2000	100/2000	200/4000	200/4000	500/10000	200/4000	500/10000	500/10000	1000/20000	200/4000
Max. static safe load													
Central load [kg]	500	1000	500	1000	3500	3500	4500	4500	4500	4500	7500	7500	2500
Side load [kg]	330	650	330	650	2300	2300	3000	3000	3000	3000	5000	5000	1650
Corner load [kg]	165	330	165	330	1150	1150	1500	1500	1500	1500	2500	2500	830
Weighing accuracy													
Repeatability (s) [g]	1	5	1	5	10	20	20	50	20	50	50	200	20
Linearity (typ.) [g±]	5	10	5	10	25	50	50	100	50	100	100	300	50
Weighing error at													
inclination of 2:1000 [g±]	5	10	5	10	20	50	50	100	50	100	100	200	50
Sensitivity drift (typ.) [g/K ±]	2	5	2	5	5	10	10	20	10	20	20	40	10
Minimum reference weight [g]	100	500	100	500	1000	2000	2000	5000	2000	5000	5000	10000	2000

NTEP approval: 15 - 600 kg ¹⁾ Powder-coated/enamelled, ²⁾ Hot galvanized, ³⁾ Chrome-nickel steel, ⁴⁾ Lower weighing range allows higher preload

* exact specifications depend on model



ID7 terminal (shown with optional GA46 printer)



ID30 terminal

Resolution and temperature ranges for different accuracy classes

		Accuracy class	
		II	III
Resolution	HR	15000d 32000d	
	MI		3000d 6400d
	SR		7500d
Temperature range		0 - 40°C	-10 - 40°C