



## 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

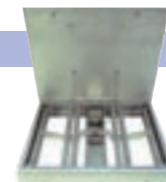
A large selection of displays complements the wide product offering of the K Line. The operating terminals of the ID family, such as ID1Plus, ID7, or ID30 as well as JagXtreme, connect easily to the weighing platforms and can be used immediately – "plug 'n weigh" becomes reality.

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												
<b>Weighing range</b>													
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 <sup>4)</sup>	0-1500/500 <sup>4)</sup>	0-300/100 <sup>4)</sup>
	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
<b>Taring range</b> (subtractiv) [kg]	0 - max.												
<b>Preload range</b> <sup>4)</sup>													
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
<b>Certification data to OIML</b>													
Class II (d/min. capacity) [g/g]	–		100/500		–		–		–		–		–
Class III MI (d/min. capacity) [g/g]	20/400		50/1000		20/400		50/1000		100/2000		100/2000		100/2000
Class III SR (d/min. capacity) [g/g]	50/1000		100/2000		50/1000		100/2000		200/4000		200/4000		200/4000
<b>Max. static safe load</b>													
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
<b>Weighing accuracy</b>													
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
<b>Weighing error at</b>													
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

<sup>1)</sup> Powder-coated/enamelled, <sup>2)</sup> Hot galvanized, <sup>3)</sup> Chrome-nickel steel, <sup>4)</sup> 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