

KA3s / KA6s

High Precision Weighing for Industrial Applications

KA3s and KA6s Weighing Platforms
from METTLER TOLEDO

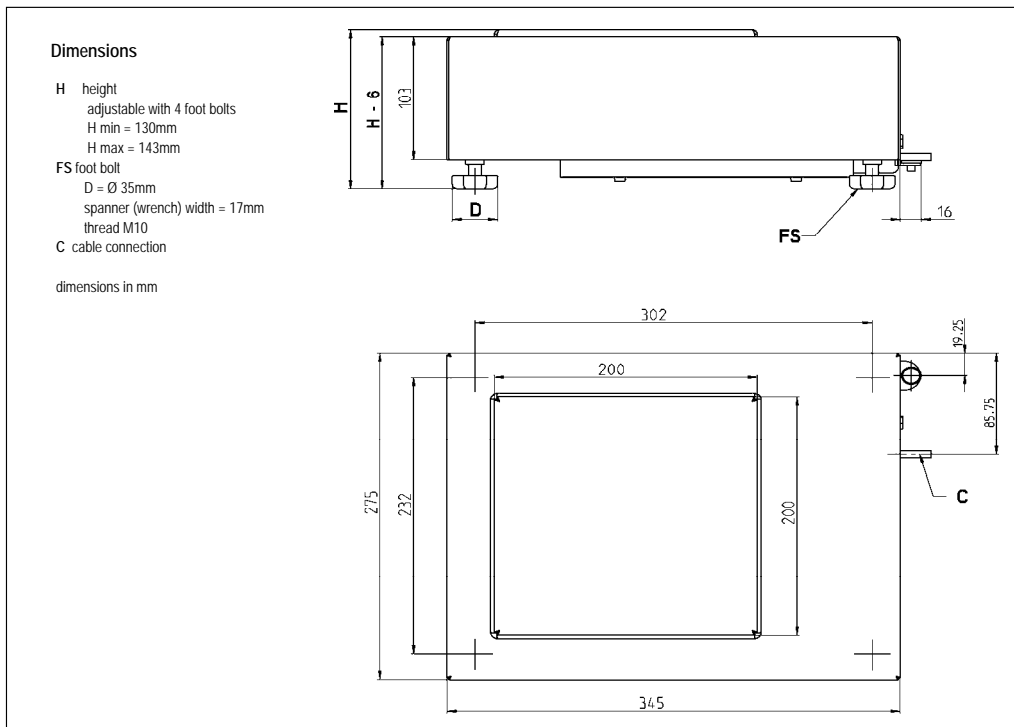


Precision weighing in industrial environments with:

- OIML verifiable up to 0.01g ($e=10d$)
- Rugged and Reliable
- IP66/67 protection
- Stainless steel

Weighing Technology / Approvals	
Technology	Electromagnetic force compensation with internal adjusting weight
Interface	IDNet (digital)
Metrology	OIML class II, III
Temperature range	0°C to +40°C for verification class II, III
Electromagnetic compatibility	5V/m (interference resistance)

Connectable to Weighing Terminals	
	IND4x9 (IND429, etc.)
	IND439 check, IND449 check+
	IND560
	IND690
	IND780
	ID30



Model	KA3s	KA6s
Type of construction	Bench scale	Bench scale
Platform size	[mm/inch] 200 x 200 / 7.87 x 7.87	200 x 200 / 7.87 x 7.87
Base size	[mm/inch] 345 x 275 / 13.58 x 10.82	345 x 275 / 13.58 x 10.82
Scale height (min. - max.)	[mm/inch] 130-143 / 5.12-5.63	130-143 / 5.12-5.63
Scale finish (1)	Chrome-nickel steel	Chrome-nickel steel
Load plate finish (1)	Chrome-nickel steel	Chrome-nickel steel
Protection type	IP66/67	IP66/67
Connecting cable length	[m/ft] 2.5 / 8.2	2.5 / 8.2
Weighing range		
Max. load	[kg/lb] 3 / 6	6 / 12
Readability (HR) (2)	[g/lb] 0.01 / 0.00002	0.02 / 0.00005
Readability (MI) (3)	[kg/g] 0-0.6 / 0.1	0-1.2 / 0.2
	0.6-1.2 / 0.2	1.2-3.0 / 0.5
	1.2-3.0 / 0.5	3.0-6.0 / 1.0
	[lb] 0-1.2 / 0.0002	0-3.0 / 0.0005
	1.2-3.0 / 0.0005	3.0-6.0 / 0.001
	3.0-6.0 / 0.001	6.0-12.0 / 0.002
Taring range (subtractive)	kg/lb 0-max.	0-max.
Preload range		
Zero setting range	-2% to +18%	-2% to +18%
Preload range (4)	[kg/lb] 1.6 / 3.52	3.2 / 7.05
Certification data to OIML		
Class II (e) / min. load	[g] 0.1 (e=10d) / 0.5	0.2 (e=d) / 10
Class III MI (3 x 6000e)	[kg] 0.6 / 1.2 / 3.0	1.2 / 3 / 6
e, (min. load)	[g] 0.1 / 0.2 / 0.5 (2g)	0.2 / 0.5 / 1
Operating temperature	0-40 C	0-40 C
Max. static safe load		
Central load	[kg/lb] 20 / 44.10	20 / 44.10
Side load	[kg/lb] 15 / 33.07	15 / 33.07
Corner load	[kg/lb] 10 / 22.05	10 / 22.05
Weighing accuracy		
Repeatability (s)	[g] 0.02	0.04
Linearity (typical)	[g] 0.1	0.2
Weighing error at incline 2:1000	[g+/-] 0.04	0.08
Sensitivity drift (typical)	[g/K +/-] 0.015	0.030
Minimum reference weight	[g] 0.5	10

(1) Chrome-nickel steel (stainless steel) V2A (AISI 304)

(2) HR = High Resolution

(3) MI = Multi-Interval

(4) Lower calibration ranges allow higher preloads

Operating temperature 0-40 C (32-104 F)

Accessories

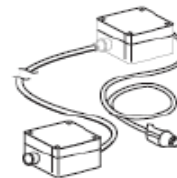


22014836 Stand 330mm high

For IND429, 439 check, 449 check+
(Shown with IND449 check+)
(not recommended for IND560, IND690
or IND780 due to weight of terminal)



504134 Ext. cable, 10 meter



504133 Extension Set

with 5 meter cable, IP65
add 504177 cable (95m max.)
to go between junction boxes



504177 IDNET cable

For 504133 Extension Set