

Standard

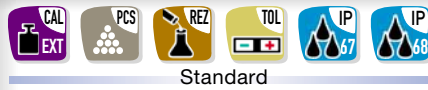
CAL EXT **Adjusting programme CAL** only for not verified balances. External test weights additional price.

PCS **Piece counting:** reference quantities selectable. Display can be switched from piece to weight.

REZ **Net-total weighing:** weight of tare-cup and weight of components memorized in two separate stores.

TOL **Weighing with tolerance range:** upper and lower limiting can be programmed individually, e.g. dosing / sorting.

IP 67 **Spray and dust protection:** protection class is indicated in the symbol.



Standard

Plat-
form Display
device

All stainless steel balance

Well protected with IP 67/68 against dust, water, steam



M
Verification
Possible

DKD
Certificate
Possible

3
Warranty
Years

Further advantages

- Stainless steel design (1.4301), smooth surfaces, rounded edges
- Stainless steel platform with capsular weighing cell, IP 67
- Display device tiltable, IP 68. Cable length approx. 3 m
- Large LCD display with back lighting, digit height 20 mm
- Precision display: by pressing key, readout **d** can be increased in a position for 5 sec
- Tolerance checks / portioning / dosing: lower and upper limiting values are programmed in % and g. See plus-minus display right
- Summing up of gross, tare, net, piece

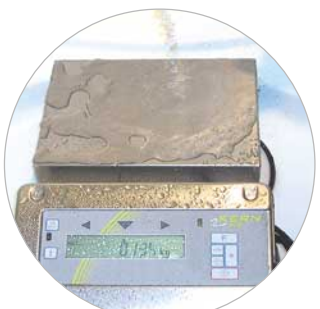


Wall mounting
for the display device
standard

Plus-minus display
with the luminous triangles
too light - ok - too heavy



Capacity display
A bar graph shows the current
available weighing range



Watertight

Model	Read-out	Weigh. range	Verific. value	Min. load	Repro-ducibility	Linearity	Min. piece weight at piece count.	Net weight approx.	Weighing plate stainl. steel
M III	d	Max	e	Min				kg	mm
KERN	g	kg	g	g	g	g	g	kg	mm
FIS 6K2 IPM	1 2	6	2	40	2	±2	0.2	11	335 x 260
FIS 15K5 IPM	1 5	15	5	100	5	±5	0.5	17	400 x 300
FIS 30K10 IPM	1 10	30	10	200	10	±10	1	18	400 x 300
FIS 60K20 IPM	1 20	60	20	400	20	±20	2	37	600 x 450
FIS 150K50 IPM	1 50	150	50	1000	50	±50	5	41	600 x 450

Display device W x D x H 380 x 150 x 260 mm. Piece counting with reference 5, 10, 15, 20, 25, 50, 100, 200, 250. Permissible ambient temperature -10°C ... +40°C. **1** Verification in the factory, location of use with post code required, addit. costs.

KERN - Your DKD Calibration Partner

issues DKD calibration certificates for balances and test weights in its own accredited laboratories. It is internationally valid.



KERN is manufacturer of test weights in the international classes of accuracy E1, E2, F1, F2, M1, M2, M3, from 1 mg up to 2000 kg



DKD = German
Calibration
Service

Your specialist dealer

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Measurement data	FIS 6K2 IPM	FIS 15K5 IPM	FIS 30K10 IPM	FIS 60K20 IPM	FIS 150K50 IPM
Reproducibility	2g	5g	10g	20g	50g
Linearity	2g	5g	10g	20g	50g
Stabilisation time	2s	2s	2s	2s	2s
Sensitivity drift	5*10 ⁻⁶ °C	5*10 ⁻⁶ °C	5*10 ⁻⁶ °C	5*10 ⁻⁶ °C	5*10 ⁻⁶ °C
Verification data					
Verification class	III	III	III	III	III
Verification value	2g	5g	10g	20g	50g
Minimum load	40g	100g	200g	400g	1000g
Verification in the factory possible	Yes	Yes	Yes	Yes	Yes
Piece counting					
Minimum piece weight	0.2g	0.5g	1g	2g	5g
Reference quantity	5, 10, 15, 20, 25, 50, 100, 200, 250				
Ambient conditions					
Permissible ambient temperature	-10, +40°C	-10, +40°C	-10, +40°C	-10, +40°C	-10, +40°C
Permissible ambient humidity	max. 80% (no condensation)				
Basic equipment					
Protective working cover	-	-	-	-	-
Accumulator	-	-	-	-	-
Battery-supply	-	-	-	-	-
AUTO-OFF function	-	-	-	-	-
Mains adapter	EURO, UK, US, AUS	EURO, UK, US, AUS	EURO, UK, US, AUS	EURO, UK, US, AUS	EURO, UK, US, AUS
Filter steps	9	9	9	9	9
Typ of balance display	LCD w/Backlight	LCD w/Backlight	LCD w/Backlight	LCD w/Backlight	LCD w/Backlight
Digit height of balance display	20mm	20mm	20mm	20mm	20mm
Levelling feet, level indicator	Yes	Yes	Yes	Yes	Yes
Weighing units	kg	kg	kg	kg	kg
Freely programmable weighing units	-	-	-	-	-
Internal adjusting weight	-	-	-	-	-
Adjusting weight	-	-	-	-	-
Recommended adjusting weight	6kg (M1)	15kg (M1)	30kg (M1)	60kg (M1)	150kg (M1)
Stand-by function	-	-	-	-	-
EX protection	-	-	-	-	-
Dimensions / materials / weights					
Dimensions of platform, WxDxH, mm	335x260x91	400x300x108	400x300x108	600x450x118	600x450x118
Dimensions of levelling feet	+ max 15mm	+ max 15mm	+ max 15mm	+ max 15mm	+ max 15mm
Dim. of display device, WxDxH, mm	382x152x262	382x152x262	382x152x262	382x152x262	382x152x262
Material of casing	Stainl. steel (1.4301)	Stainl. steel (1.4301)	Stainl. steel (1.4301)	Stainl. steel (1.4301)	Stainl. steel (1.4301)
Draught guard, HxWxD, mm	-	-	-	-	-
Material of draught guard	-	-	-	-	-
Dimensions of packaging, WxDxH, mm	520x400x390	620x520x620	620x520x620	920x580x720	920x580x720
Gross weight	13.00kg	32.00kg	33.00kg	58.00kg	62.00kg
Net weight	11.00kg	17.50kg	18.50kg	37.50kg	41.00kg

