



High resolution bench scale with large weighing range and robust stainless steel weighing plate

Features

- Thanks to the high resolution of up to 360.000 points it is ideal for high-precision weighing in the industrial field
- Robust plastic die-cast housing: maintains the stability, protects the weighing technology elements and is robust enough to cope with everyday use
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS-232, USB, Bluetooth, WiFi or Ethernet, for the exchange of data and control commands, without any installation outlay
- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers
- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
- Freely programmable weighing unit, e.g. display direct in special units such as length of wire g/m, surface weight g/m², or else
- Level indicator and levelling feet for precise levelling of the scale, fitted as standard
- Protective working cover included with delivery



Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface, stainless steel, W×D 340×240 mm
- Overall dimensions W×D×H, 350×390×120 mm
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 20 h
- Net weight approx. 7 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Protective working cover, scope of delivery 5 items, KERN FKB-A02S05
- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YKR-01
- Schnittstellenadapter USB, KERN KUP-03
- Schnittstellenadapter RS-232, KERN KUP-01
- Bluetooth interface adapter, KERN KUP-06
- WiFi interface adapter, KERN KUP-05
- Ethernet interface adapter, KERN KUP-04
- Extension box for connecting up to three interfaces in parallel, KERN KUP-13
- Tare pan made from stainless steel, ideal for weighing loose small parts as well as fruits, vegetables, etc., overall dimensions W×D×H 400×300×45 mm, KERN RFS-A02
- Further details, plenty of further accessories and suitable printers see *Accessories*

1 Particularly practical: thanks to the large weighing ranges and compact dimensions, you can accurately weigh heavy loads in the most restricted of spaces. Useful for determining very small weight differences, such as, for example, gas wastage, abrasion of mechanical parts, rock samples, minerals, druses, silver etc.

STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Reproducibility g	Linearity g	Smallest part weight (Normal) g/piece	Resolution Points	Options
							DAkkS Calibr. Certificate DAkkS KERN
KERN							
FKB 6K0.02	6	0,02	0,04	± 0,1	0,2	300.000	963-128
FKB 8K0.05	8	0,05	0,05	± 0,15	0,5	160.000	963-128
FKB 16K0.05	16	0,05	0,1	± 0,25	0,5	320.000	963-128
FKB 8K0.1	8	0,1	0,1	± 0,3	1	80.000	963-128
FKB 16K0.1	16	0,1	0,1	± 0,3	1	160.000	963-128
FKB 15K0.5	15	0,5	0,5	± 1,5	10	30.000	963-128
FKB 36K0.1	36	0,1	0,2	± 0,5	1	360.000	963-128
FKB 36K0.2	36	0,2	0,4	± 1	2	180.000	963-128
FKB 65K0.2	65	0,2	0,4	± 1	2	325.000	963-129
FKB 30K1	30	1	1	± 3	20	30.000	963-128
FKB 65K1	65	1	1	± 3	20	65.000	963-129