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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
- Industry 4.0: The integrated KERN Universal Port (KUP) allows the connection of external KUP interface adapters such as RS-232, USB, Bluetooth, WiFi, Analogue, Ethernet etc. The outstanding advantage here is that the KUP interface adapters are simply plugged in, i.e. retrofitting interfaces is conveniently possible without opening the scale housing or complicated installation. The interface adapters enable convenient transmission of weighing data to networks, PCs, smartphones, tablets, laptops, printers etc. In addition, control commands and data inputs can also be sent to the scale via the connected devices.
Tip: with the KERN KUP-13 extension box, up to three KUP interface adapters can be operated in parallel on the scale
- 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, WxD 340x240 mm
- Overall dimensions WxDxH, 350x390x120 mm
- Optional battery operation, 4x1.5 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, **€ 44,-**
- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YKR-01, **€ 35,-**
- External data interface USB, interface cable included, KERN KUP-03, **€ 75,-**
- External data interface RS-232, interface cable included, KERN KUP-01, **€ 60,-**
- Interface adapter Ethernet, KERN KUP-04, **€ 115,-**
- Interface adapter WiFi, KERN KUP-05, **€ 75,-**
- Bluetooth interface adapter, KERN KUP-06, **€ 99,-**
- Extension box for connecting up to three interfaces in parallel, KERN KUP-13, **€ 75,-**
- Tare pan made from stainless steel, ideal for weighing loose small parts as well as fruits, vegetables, etc., overall dimensions WxDxH 400x300x45 mm, KERN RFS-A02, **€ 75,-**
- 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	Price excl. of VAT ex works €	Options	
								DAkKS Calibr. DAKKS KERN	Certificate €
FKB 6K0.02	6	0,02	0,04	± 0,1	0,2	300.000	520,-	963-128	118,-
FKB 8K0.05	8	0,05	0,05	± 0,15	0,5	160.000	490,-	963-128	118,-
FKB 16K0.05	16	0,05	0,1	± 0,25	0,5	320.000	550,-	963-128	118,-
FKB 8K0.1	8	0,1	0,1	± 0,3	1	80.000	360,-	963-128	118,-
FKB 16K0.1	16	0,1	0,1	± 0,3	1	160.000	495,-	963-128	118,-
FKB 15K0.5	15	0,5	0,5	± 1,5	10	30.000	385,-	963-128	118,-
FKB 36K0.1	36	0,1	0,2	± 0,5	1	360.000	550,-	963-128	118,-
FKB 36K0.2	36	0,2	0,4	± 1	2	180.000	550,-	963-128	118,-
FKB 65K0.2	65	0,2	0,4	± 1	2	325.000	525,-	963-129	146,-
FKB 30K1	30	1	1	± 3	20	30.000	340,-	963-128	118,-
FKB 65K1	65	1	1	± 3	20	65.000	360,-	963-129	146,-