



Precision industrial scale with laboratory accuracy, ideal for the diverse possibilities of Industry 4.0 applications

Features

- High-capacity precision balance, ideal for high volume or heavy samples
- Numerical subtraction of tare weight for known container weight. Useful for checking fill-levels
- The automatic reference weight optimisation of reference weight gradually improves the average piece weight value
- Freely programmable weighing unit, e.g. display direct in special units such as length of wire g/m, surface weight g/m², or else
- 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
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 21 mm
- Weighing platform dimensions, stainless steel
 - A** W×D×H 230×230×103 mm
 - B** W×D×H 308×318×75 mm
 - C** W×D×H 500×400×125 mm, see larger picture
- Dimensions of display device W×D×H 225×115×60 mm
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Internal rechargeable battery pack, operating time up to 24 h with backlight, charging time approx. 8 h, KERN YKR-01
- Protective working cover over the display device, scope of delivery: 5 items, KERN DE-A12S05
- **1** Column for screwing the display device to the platform
- **B**, **C**: Height of stand approx. 480 mm, KERN DE-A10
- **C**: Height of stand approx. 600 mm, KERN DS-A03
- **B**: Mount to fasten the display device to the platform, KERN DE-A11N
- Wall mount for display device, KERN DE-A13
- **2** Set for underfloor weighing, consists of platform, bow, hook, only for models with weighing plate **B**, KERN DS-A01
- RS-232 interface adapter, KERN KUP-01
- USB interface adapter, KERN KUP-03
- Ethernet interface adapter, KERN KUP-04
- WiFi interface adapter, KERN KUP-05
- Bluetooth interface adapter, KERN KUP-06
- Extension box for connecting up to three interfaces in parallel, KERN KUP-13
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Smallest part weight (Normal) g/piece	Resolution Points	Cable length approx. m	Net weight approx. kg	Weighing plate	Options
								DAkks Calibr. Certificate
KERN								DAkks KERN
DS 3K0.01S	3	0,01	0,1	300.000	2,5 m	4,2	A	963-127
DS 5K0.05S	5	0,05	0,1	100.000	2,5 m	4,2	A	963-127
DS 8K0.05	8	0,05	0,5	160.000	2,5 m	8	B	963-128
DS 10K0.1S	10	0,1	1	100.000	2,5 m	4,2	A	963-128
DS 16K0.1	16	0,1	1	160.000	2,5 m	8	B	963-128
DS 20K0.1	20	0,1	1	200.000	2,5 m	8	B	963-128
DS 30K0.1	30	0,1	1	300.000	2,5 m	8	B	963-128
DS 30K0.1L	30	0,1	1	300.000	2,5 m	19	C	963-128
DS 36K0.2	36	0,2	1	180.000	2,5 m	10	B	963-128
DS 36K0.2L	36	0,2	1	180.000	2,5 m	19	C	963-128
DS 60K0.2	60	0,2	2	300.000	2,5 m	19	C	963-129
DS 65K0.5	65	0,5	5	130.000	2,5 m	19	C	963-129
DS 100K0.5	100	0,5	5	200.000	2,5 m	19	C	963-129
DS 150K1	150	1	10	150.000	2,5 m	19	C	963-129