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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 500×400×127 mm, see larger picture
- Dimensions of display device W×D×H 225×115×60 mm
- Cable length of display device approx. 2,5 m
- Permissible ambient temperature -10 °C/40 °C

STANDARD



OPTION



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