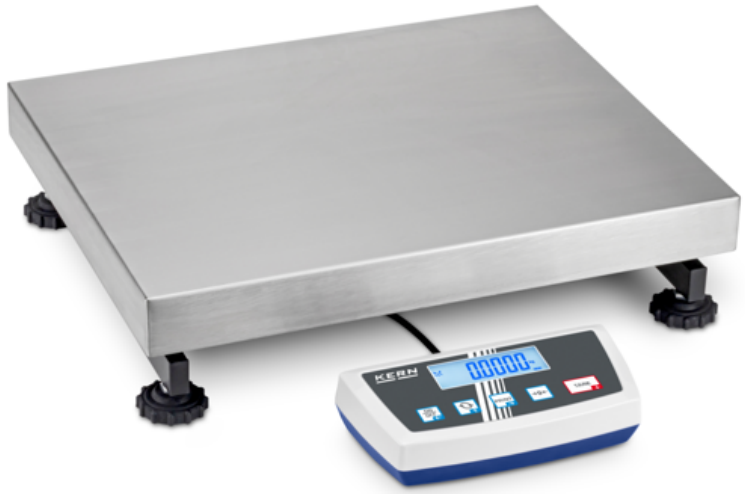
KERN DS 100K0.5

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



Article codes, product groups & Status information	
Model article-code	DS 100K0.5
Model-Serie	DS
Assortment	Scales
Product Type	Industrial balance
Product group	Platform scales
Product usage type	Main article
EAN code (Model)	4045761491663
Predecessor Model	DS 100K5-2.021a; DS 100K5-2.025a
Planned start date	2025-2HJ
Customs tariff number	84238220
CE Label	Yes
Country of Origin	DE

Technical data - Primary	
Weighing capacity	100 kg
Readability	0,0005 kg
Minimum piece weight	5 g
Net weight	11,7 kg
Platform size	500×400 mm
Indicator cable length	2,5 m
Dimension weighing platform (W×D×H)	500×400×127 mm

Technical data - Construction	
Dimensions display casing (W×D×H)	225×115×60 mm
Material weighing plate	Stainless steel
Material Platform construction	Coated metal
Bubble Level	Yes
Revolving screw feet	Yes
Dimensions of weighing plate (W×D)	500×400 mm
Wall mount	Yes

Technical data - Display	
Display height	21 mm
Backlight	Yes

Technical data - Power supply	
Mains adapter/adapter included	CH;EURO;UK;US
Charging time	8 h
Input Voltage	100 V - 240 V AC, 50 / 60 Hz
Operating time (Backlight off)	48 h
Rechargeable battery	Rchrg. battery optional - intern
Interfaces	Analog (4 - 20 mA) (optional);Bluetooth BLE (v4.0) (optional);Ethernet (optional)

Technical data - Measuring system	
Calibration method	Adjusting with external weight
Linearity	± 0,0015 kg
Recommended adjusting weight	60 kg (F1)
Repeatability	0,0005 kg
Resolution	200.000

Stabilisation time under laboratory conditions	3 s
Warm up time	120 min
Weighing system	Strain gauge
Weighing units	Ct;dwt;ffa;g;kg;lb;mo;oz;ozt;tl (HK);tl (Singap, Malays);tl (Tw)

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	40 °C
Minimum ambient temperature	-10 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	930×550×210 mm
Gross weight	13 kg
Net weight	12 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	800 g
Delivery time	1 d

Technical data - Counting data

Counting resolution	200.000
Mininum piece weight at piece counting (Laboratory)	500 mg

Optional Services

DAkkS Calibration	963-129

Functions

Standard



Option

