KERN DS 20K0.1

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 20K0.1
Model-Serie	DS
Assortment	Scales
Product Type	Industrial balance
Product group	Platform scales
Product usage type	Main article
EAN code (Model)	4045761357051
Predecessor Model	DS 20K1-2.021a
Planned start date	2022-2HJ
Customs tariff number	84238129
CE Label	Yes
Country of Origin	DE

Technical data - Primary	
Weighing capacity	20 kg
Readability	0,0001 kg
Minimum piece weight	1 g
Net weight	7,5 kg
Platform size	308×318 mm
Indicator cable length	2,5 m
Dimension weighing platform (W×D×H)	308×318×75 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
Weighing surface (d)	308×318 mm
Dimensions of weighing plate (W×D)	308×318 mm
Indicator cable length	2,5 m
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	Bluetooth BLE (v4.0) (optional);Ethernet (optional);KUP;RS-232 (optional);USB-Device (optional);WLAN (optional)

Technical data - Measuring system	
Calibration method	Adjusting with external weight
Linearity	± 0,0003 kg
Readability	0,0001 kg

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Recommended adjusting weight	10 kg (F1); 5 kg (F1)
Repeatability	0,0001 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)	510×380×140 mm
Gross weight	10 kg
Net weight	8 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	2,3 kg
Delivery time	1 d

Technical data - Counting data

Counting resolution	200.000
Mininum piece weight at piece counting (Laboratory)	100 mg
Minimum piece weight	1 g

Optional Services

DAkkS Calibration	963-128

Functions

Standard



Option

