

KERN DS 30K0.1L

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

KERN[®]



Article codes, product groups & Status information

Model article-code	DS 30K0.1L
Model-Serie	DS
Assortment	KERN
Product Type	Industrial scales
Product group	Platform scales
Product usage type	Main article
EAN code (Model)	4045761357075
Predecessor Model	DS 30K0.1L-2021a
Successor Model	DS 30K0.1L-2025e
Planned start date	2022-2HJ
Customs tariff number	84238129

Technical data - Primary

Weighing capacity	30 kg
Readability	0.0001 kg
Minimum piece weight	1 g
Net weight	19 kg
Platform size	500×400 mm
Indicator cable length	2.5 m
Dimensions weighing platform	500×400×125 mm

Technical data - Construction

Dimensions display casing	225×115×60 mm
Material weighing plate	Stainless steel
Material Platform construction	Coated metal

Bubble Level	Yes
Revolving screw feet	Yes
Weighing surface (d)	500×400 mm
Dimensions of weighing plate (W×D)	500×400 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/adaptor 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

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 0.0005 kg
Readability	0.0001 kg
Recommended adjusting weight	30 kg (E2)
Repeatability	0.0002 kg
Resolution	300.000
Stabilisation time under laboratory conditions	3 s

KERN DS 30K0.1L

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



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)

Optional Services

DAkkS Calibration 963-128

Technical data - Environmental conditions

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

Technical data - Packing & Shipping

Dimensions packaging (WxDxH)	600x510x230 mm
Gross weight	22 kg
Net weight	19 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	750 g
Packaging component - by weight - plastics	750 g
Delivery time	1 d

Technical data - Counting data

Counting resolution	300000
Minimum piece weight at piece counting (Laboratory)	100 mg
Minimum piece weight	1 g

Technical data - Verification

Verification approval conforming to 2014/31/EU	Yes
--	-----

Functions

Standard



Option

