# KERN DS 36K0.2

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 36K0.2 |
| Model-Serie | DS |
| Assortment | Scales |
| Product Type | Industrial balance |
| Product group | Platform scales |
| Product usage type | Main article |
| EAN code (Model) | 4045761357013 |
| Predecessor Model | DS 36K2-2.021a |
| Planned start date | 2022-2HJ |
| Customs tariff number | 84238220 |
| CE Label | Yes |
| Country of Origin | DE |

| Technical data - Primary | |
|---|---|
| Weighing capacity | 36 kg |
| Readability | 0,0002 kg |
| Minimum piece weight | 1 g |
| Net weight | 9,5 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 | ± 0,0006 kg |
| Readability | 0,0002 kg |

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| | |
|---|---|
| Recommended adjusting weight | 20 kg (F1); 10 kg (F1) |
| Repeatability | 0,0002 kg |
| Resolution | 180.000 |
| 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 | 12 kg |
| Net weight | 10 kg |
| Shipping method | Parcel service |
| Packaging component - by weight - cardboard | 2,5 kg |
| Delivery time | 1 d |

## Technical data - Counting data

| | |
|---|---|
| Counting resolution | 360.000 |
| Mininum piece weight at piece counting (Laboratory) | 100 mg |
| Minimum piece weight | 1 g |

## Optional Services

| | |
|---|---|
| DAkkS Calibration | 963-128 |

## Functions

### Standard




### Option

