# KERN IFC 300K50DM

Robust industrial scales with up to three interfaces, with optional verification



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| Article codes, product groups & Status information | |
|---|---|
| Model article-code | IFC 300K50DM |
| Model-Serie | IFC |
| Assortment | Scales |
| Product Type | Industrial balance |
| Product group | Platform scales |
| Product usage type | Main article |
| EAN code (Model) | 4045761480704 |
| Predecessor Model | IFB 300K50DM |
| Planned start date | 2024-2HJ |
| Customs tariff number | 84238220 |
| CE Label | Yes |
| Country of Origin | CN |

| Technical data - Primary | |
|---|---|
| Weighing capacity | 150 kg;300 kg |
| Readability | 0,05 kg;0,1 kg |
| Minimum piece weight | 500 g |
| Net weight | 17,95 kg |
| Platform size | 650×500 mm |
| Indicator cable length | 3 m |
| Dimension weighing platform (W×D×H) | 650×500×139 mm |

| Technical data - Construction | |
|---|---|
| Dimensions display casing (W×D×H) | 220×150×66,5 mm |
| Material weighing plate | Stainless steel |
| Material Platform construction | Steel, powder-coated |
| Bubble Level | Yes |
| Revolving screw feet | Yes |
| Weighing surface (d) | 650×500 mm |
| Dimensions of weighing plate (W×D) | 650×500 mm |
| Indicator cable length | 3 m |
| Wall mount | Yes |
| IP protection indicator | No IP protection |
| IP protection platform | No IP protection |
| IP protection load cell | IP65 |

| Technical data - Display | |
|---|---|
| Display height | 48 mm |
| Backlight | Yes |

| Technical data - Power supply | |
|---|---|
| Battery | 3V CR2.032 |
| Mains adapter/adapter included | CH;EURO;UK;US |
| Charging time | 8 h |
| Input Voltage | 100 V - 240 V, 50 / 60 Hz |
| Operating time (Backlight off) | 48 h |
| Rechargeable battery | Rchrg. battery optional - intern |
| Interfaces | Alibi Speicher (optional, factory);Analog (0 - 10 V) (optional);Analog (4 - 20 mA) (optional);Bluetooth BLE (v4.0) (optional);Ethernet (optional);KUP;RS-232 (optional);USB-Device (optional);WLAN (optional) |

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| Technical data - Measuring system | |
|---|---|
| Calibration method | Adjusting with external weight |
| Linearity | ± 0,05 kg;0,1 kg |
| Readability | 0,05 kg;0,1 kg |
| Recommended adjusting weight | 300 kg (M1) |
| Repeatability | 0,05 kg;0,1 kg |
| Resolution | 3.000, 3.000 |
| Stabilisation time under laboratory conditions | 3 s |
| Warm up time | 10 min; 10 min |
| Weighing system | Strain gauge |
| Weighing units | %;ffa;g;kg;PCS |
| load cell connection | 6-Leiter |

| Technical data - Environmental conditions | |
|---|---|
| Maximum humidity | 80 % |
| Maximum operating temperature | 40 °C |
| Minimum ambient temperature | -10 °C |
| Minimum humidity | 0 % |

| Technical data - Packing & Shipping | |
|---|---|
| Dimensions packaging (W×D×H) | 1.050×670×250 mm |
| Gross weight | 22 kg |
| Net weight | 18 kg |
| Shipping method | Parcel service |
| UN number | 3091 |
| Packaging component - by weight - cardboard | 1.825 g |
| Packaging component - by weight - styrofoam | 1.825 g |
| Delivery time | 1 d |

| Technical data - Counting data | |
|---|---|
| Counting resolution | 6.000 |
| Mininum piece weight at piece counting (Laboratory) | 50 g |
| Minimum piece weight | 100 g |

| Technical data - Verification | |
|---|---|
| Verification value (e) | 0,05 kg;0,1 kg |
| Minimum load (Min) | 1 kg;2 kg |
| Verification by KERN possible | Yes |
| Verification class | III |

| Optional Services | |
|---|---|
| DAkkS Calibration | 963-129 |
| Verification | 965-229 |

## Functions

### Standard




### Option




### Factory

