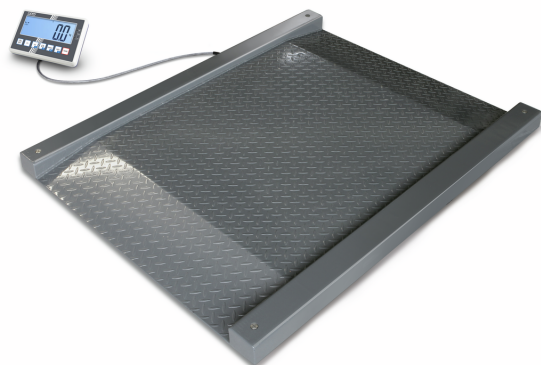


# KERN NFC 600K-1M

Networkable drive-through scale (IP67), verification optional

# KERN



## Category

|                  |                     |
|------------------|---------------------|
| Brand            | KERN                |
| Product category | Industrial scale    |
| Product group    | Drive-through scale |
| Product family   | NFC                 |

## Measuring System

|                                          |                                |
|------------------------------------------|--------------------------------|
| Construction type of the scale           | Single-range balance           |
| Weighing system                          | Strain gauge                   |
| Number of weighing ranges                | 1                              |
| Weighing capacity [Max]                  | 600 kg                         |
| Readability [d]                          | 0,2 kg                         |
| Reproducibility                          | 0,2 kg                         |
| Linearity                                | ± 0,4 kg                       |
| Minimum weight [Min]                     | 4 kg                           |
| Resolution                               | 3.000                          |
| Adjustment options                       | Adjusting with external weight |
| Recommended adjusting weight             | 600 kg (M1)                    |
| Stabilization time                       | 3 s                            |
| Warm-up time                             | 10 min                         |
| Linearisation in dots                    | 2                              |
| Eccentric loading at 1/3 [Max]           | 0,4 kg                         |
| Default unit                             | kg                             |
| Units                                    | kg<br>g<br>ffa<br>PCS<br>%     |
| Units (if device is conformity assessed) | kg<br>g                        |
| Conformity assessment possible           | ✓                              |
| Loadcell type                            | ZEMIC H8C 0.5 ton              |
| Load cell connection                     | 6-wire                         |

## Display

|                                 |                            |
|---------------------------------|----------------------------|
| Display type                    | LCD                        |
| Display type                    | LCD with backlight         |
| Display backlight               | ✓                          |
| Display screen size             | 160×60 mm                  |
| Display segments                | 6                          |
| Display digit height            | 48 mm                      |
| Languages of the user interface | English<br>Symbol language |

## Construction

|                                      |                                     |
|--------------------------------------|-------------------------------------|
| Dimension display device (W×D×H)     | 220×150×66,5 mm                     |
| Dimensions weighing surface (W×D)    | 1000×1000 mm                        |
| Dimensions weighing surface          | 1000×1000 mm                        |
| Dimensions weighing platform (W×D×H) | 1600×1220×95 mm                     |
| Material weighing plate              | steel, powder-coated                |
| Material platform                    | steel, powder-coated                |
| Material display housing             | plastic                             |
| Material load cell(s)                | alloyed steel                       |
| Level indicator                      | ✓                                   |
| Levelling feet adjustable            | ✓                                   |
| Stand rotatable                      | no                                  |
| Stand inclinable                     | no                                  |
| Wall mount                           | ✓                                   |
| Display device cable length          | 5 m                                 |
| Platform Construction                | Welded load plate;<br>chequer plate |
| Load cells - number                  | 4                                   |

## Functions

|                                                           |                          |
|-----------------------------------------------------------|--------------------------|
| PreTare function                                          | ✓                        |
| Sum memory function                                       | ✓                        |
| Recipe/summing level                                      | Sum A                    |
| Percentage determination                                  | ✓                        |
| Tolerance weighing                                        | ✓                        |
| Tolerance weighing - type of signal                       | acoustically<br>visual   |
| Alibi memory                                              | optional internal memory |
| Alibi memory - number of memory spaces                    | 250.000                  |
| Function for averaging under unstable weighing conditions | ✓                        |
| Counting function                                         | ✓                        |
| Counting resolution (laboratory conditions)               | 3.000                    |

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|                                                                   |                                         |
|-------------------------------------------------------------------|-----------------------------------------|
| Counting reference weight can be entered                          | ✓                                       |
| Smallest piece weight when piece counting - laboratory conditions | 200 g                                   |
| Smallest piece weight when piece counting - normal conditions     | 2 kg                                    |
| Reference quantity                                                | 5, 10, 20, 50, n (any number of pieces) |
| Hold function                                                     | ✓                                       |
| IP protection - complete device                                   | -                                       |
| IP protection - display                                           | no IP protection                        |
| IP protection - platform                                          | IP67                                    |
| IP protection - load cell                                         | IP67                                    |
| Auto-off interval(s) in battery mode/rechargeable battery mode    | 5 min                                   |
|                                                                   | 2 min                                   |
|                                                                   | 1 min                                   |
|                                                                   | 30 min                                  |
|                                                                   | 60 min                                  |
| Auto-off interval(s) in mains power mode                          | 30 sec                                  |
|                                                                   | off                                     |
| Tare function                                                     | manual (multi)                          |
| Number of keys for operation                                      | 7                                       |

## Interface

|                           |                                  |
|---------------------------|----------------------------------|
| Interfaces                | RS-232 (optional)                |
|                           | Ethernet (optional)              |
|                           | Alibi memory (optional, factory) |
|                           | analogue (0 - 10 V) (optional)   |
|                           | analogue (4 - 20 mA) (optional)  |
|                           | Bluetooth BLE (v4.0) (optional)  |
|                           | USB-Device (optional)            |
|                           | KUP                              |
| WiFi (optional)           |                                  |
| compatible with EasyTouch |                                  |
| ✓                         |                                  |

## Power Supply

|                                                                           |                   |
|---------------------------------------------------------------------------|-------------------|
| Supplied power supply                                                     | Power supply unit |
| Plug-in power supply type                                                 | Power adapter     |
| Plug-in power supply / adapter for countries - included with the delivery | EURO              |
|                                                                           | UK                |
|                                                                           | US                |
|                                                                           | CH                |
| Plug-in power supply / adapter for countries - optional                   | EURO              |
|                                                                           | UK                |
|                                                                           | US                |
|                                                                           | CH                |

|                                                     |                                  |
|-----------------------------------------------------|----------------------------------|
| Input voltage power supply / power [Max]            | 100 V - 240 V, 50 / 60 Hz        |
| Input voltage device / power [Max]                  | 5,9V, 1A                         |
| Battery / accumulator type                          | Li-Ion                           |
| Battery                                             | 3 V CR2032                       |
| Rechargeable battery operating time - backlight on  | 11 h                             |
| Rechargeable battery operating time - backlight off | 22 h                             |
| Rechargeable battery charging time                  | 8 h                              |
| Rechargeable battery optional                       | Rchrg. battery optional - intern |

## Environmental conditions

|                               |        |
|-------------------------------|--------|
| Ambient temperature [Min]     | -10 °C |
| Ambient temperature [Max]     | 40 °C  |
| Humidity of environment [Min] | 0 %    |
| Humidity of environment [Max] | 80 %   |

## Approval

|                                         |        |
|-----------------------------------------|--------|
| CE mark                                 | ✓      |
| Conformity assessment possible ex works | ✓      |
| Accuracy classe                         | III    |
| Verification scale interval [e]         | 0,2 kg |

## Services (optional)

|                                                               |         |
|---------------------------------------------------------------|---------|
| Article number for adjustment at the location of installation | 961-250 |
| Article number for conformity assessment                      | 965-230 |
| Article number for DAkkS calibration                          | 963-130 |
| Article number for certificate of conformity                  | 969-517 |

## Packing & Shipping

|                              |                  |
|------------------------------|------------------|
| Delivery time                | 2 d              |
| Dimensions packaging (W×D×H) | 1666×1320×380 mm |
| Shipping method              | Freight          |
| Net weight approx.           | 130 kg           |
| Gross weight approx.         | 195 kg           |
| Shipping weight              | 195 kg           |

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## Pictograms

### STANDARD



### OPTION



### FACTORY

