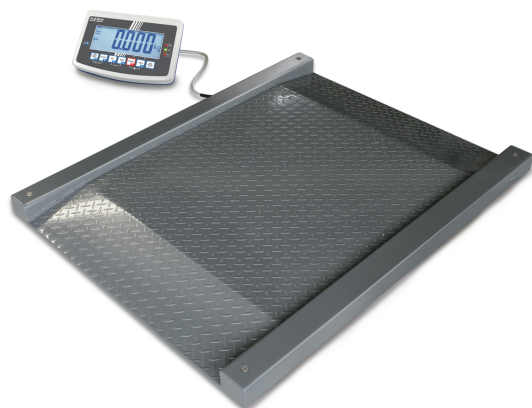


# KERN NFB 600K200M

**KERN**

Drive-through scale (IP67) with XXL display device, verification optional



## Category

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

## 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                          |
| Tare range                               | -600 kg                        |
| Adjustment options                       | Adjusting with external weight |
| Recommended adjusting weight             | 600 kg (M2)                    |
| Stabilization time                       | 2 s                            |
| Warm-up time                             | 10 min                         |
| Eccentric loading at 1/3 [Max]           | 0,4 kg                         |
| Default unit                             | kg                             |
| Units                                    | kg                             |
| Units (if device is conformity assessed) | kg                             |
| Loadcell type                            | ZEMIC H8C 0.5 ton              |
| Load cell connection                     | 4-wire                         |

## Display

|                     |           |
|---------------------|-----------|
| Display type        | LCD       |
| Display backlight   | ✓         |
| Display screen size | 165×64 mm |

|                                 |                 |
|---------------------------------|-----------------|
| Display segments                | 5 + 1/2         |
| Display digit height            | 52 mm           |
| Languages of the user interface | Symbol language |

## Construction

|                                           |                                  |
|-------------------------------------------|----------------------------------|
| Dimension display device (W×D×H)          | 250×160×58 mm                    |
| Dimensions weighing surface (W×D)         | 1000×1000 mm                     |
| Dimensions weighing surface               | 1000×1000 mm                     |
| Dimensions weighing platform (W×D×H)      | 1600×1200×80 mm                  |
| Material weighing plate                   | steel, lacquered                 |
| Material platform                         | steel, varnished                 |
| Material display housing                  | Plastics                         |
| Material load cell(s)                     | alloyed steel                    |
| Level indicator                           | ✓                                |
| Levelling feet adjustable                 | ✓                                |
| Stand inclinable                          | ✓                                |
| Wall mount                                | ✓                                |
| Cable length                              | 5 m                              |
| Display device cable length               | 5 m                              |
| Allowed cable length display device [Max] | 30 m                             |
| Platform Construction                     | Welded load plate; chequer plate |
| Load cells - number                       | 4                                |

## Functions

|                                                                |                         |
|----------------------------------------------------------------|-------------------------|
| Sum memory function                                            | ✓                       |
| Recipe/summing level                                           | Sum A                   |
| Tolerance weighing                                             | ✓                       |
| Tolerance weighing - type of signal                            | acoustically visual     |
| Underfloor weighing                                            | None                    |
| Function for averaging under unstable weighing conditions      | ✓                       |
| Counting function                                              | ✓                       |
| Reference quantity                                             | 10, 20, 50, 100, 200    |
| IP protection - display                                        | no IP protection        |
| IP protection - load cell                                      | IP67                    |
| Auto-off interval(s) in battery mode/rechargeable battery mode | selectable              |
| Auto-off interval(s) in mains power mode                       | selectable              |
| Tare function                                                  | manual (single & multi) |
| Number of keys for operation                                   | 7                       |

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Drive-through scale (IP67) with XXL display device, verification optional

## Interface

|                                  |                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interfaces                       | RS-232 standard<br>Bluetooth BTC (v2.0)<br>(optional, factory)<br>analogue (0 - 10 V)<br>(optional, factory)<br>analogue (4 - 20 mA)<br>(optional, factory) |
| EasyTouch (ET) - Connection type | RS232 (+optionale Schnittstellen)                                                                                                                           |

## 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<br>UK<br>US<br>CH            |
| Plug-in power supply / adapter for countries - optional                   | EURO<br>AUS<br>UK<br>US<br>CH     |
| Input voltage power supply / power [Max]                                  | 100 V - 240 V, 50 / 60 Hz         |
| Input voltage device / power [Max]                                        | 12 V, 500 mA                      |
| Battery / accumulator type                                                | Pb                                |
| Battery                                                                   | no battery                        |
| Rechargeable battery                                                      | 6 V, 1.2 Ah                       |
| Rechargeable battery operating time - backlight on                        | 8 h                               |
| Rechargeable battery operating time - backlight off                       | 35 h                              |
| Rechargeable battery charging time                                        | 10 h                              |
| Rechargeable battery optional                                             | Rchrg. battery optional (factory) |

## 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)

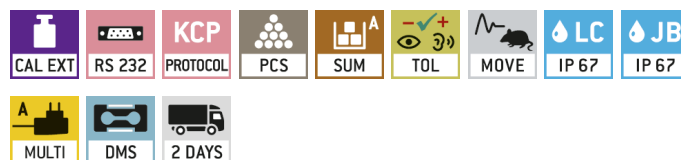
|                                                               |         |
|---------------------------------------------------------------|---------|
| Article number for adjustment at the location of installation | 961-250 |
| Article number for conformity assessment                      | 965-230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

## Packing & Shipping

|                              |                  |
|------------------------------|------------------|
| Delivery time                | 2 d              |
| Dimensions packaging (W×D×H) | 1655×1315×375 mm |
| Shipping method              | Freight          |
| Net weight approx.           | 130 kg           |
| Gross weight approx.         | 205 kg           |
| Shipping weight              | 203 kg           |

## Pictograms

### STANDARD



### OPTION



### FACTORY

