

# KERN FFN 25K5IPN

**KERN**

All-round bench scale, protected by stainless steel and IP65 rating



## Category

|                  |                          |
|------------------|--------------------------|
| Brand            | KERN                     |
| Product category | Industrial scale         |
| Product group    | IP protected bench scale |
| Product family   | FFN                      |

## Measuring System

|                                |                                |
|--------------------------------|--------------------------------|
| Weighing system                | Strain gauge                   |
| Number of weighing ranges      | 1                              |
| Weighing capacity [Max]        | 25 kg                          |
| Readability [d]                | 0,005 kg                       |
| Reproducibility                | 0,005 kg                       |
| Linearity                      | ± 0,01 kg                      |
| Resolution                     | 5.000                          |
| Tare range                     | 25 kg                          |
| Adjustment options             | Adjusting with external weight |
| Recommended adjusting weight   | 25 kg (M3)                     |
| Possible calibration points    | 15 kg; 25 kg                   |
| Stabilization time             | 2 s                            |
| Warm-up time                   | 10 min                         |
| Eccentric loading at 1/3 [Max] | 0,025 kg                       |
| Construction type of the scale | Single-range balance           |
| Units                          | kg<br>lb                       |
| Maximum creep (15 minutes)     | 20 g                           |
| Maximum creep (30 minutes)     | 40 g                           |
| Default unit                   | kg                             |

## Display

|                   |     |
|-------------------|-----|
| Display type      | LCD |
| Display backlight | ✓   |

|                      |       |
|----------------------|-------|
| Display segments     | 5     |
| Display digit height | 25 mm |

## Construction

|                                       |                          |
|---------------------------------------|--------------------------|
| Dimension housing (W×D×H)             | 243×300×127 mm           |
| Dimensions completely mounted (W×D×H) | 243×300×127 mm           |
| Dimensions weighing surface (W×D)     | 233×193 mm               |
| Dimensions weighing surface           | 233×193 mm               |
| Material housing                      | stainless steel, plastic |
| Material weighing plate               | stainless steel          |
| Level indicator                       | ✓                        |
| Levelling feet adjustable             | ✓                        |
| Load cells - number                   | 1                        |

## Functions

|                                          |                                 |
|------------------------------------------|---------------------------------|
| Underfloor weighing                      | None                            |
| IP protection - complete device          | IP65                            |
| Auto-off interval(s) in mains power mode | 3 min<br>off<br>5 min<br>15 min |
| Tare function                            | manual (multi)                  |
| Number of keys for operation             | 3                               |

## Power Supply

|                                                                           |                                                                          |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Supplied power supply                                                     | Accu & Power supply                                                      |
| 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]                                  | 110 V - 230 V AC                                                         |
| Input voltage device / power [Max]                                        | 12 V, 500 mA                                                             |
| Power socket for mains adapter                                            | Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm |
| Battery / accumulator type                                                | Pb                                                                       |
| Battery                                                                   | no battery                                                               |
| Battery connection                                                        | Plug-in terminals                                                        |
| Battery - Individual weight                                               | 680 g                                                                    |

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|                                                     |                                            |
|-----------------------------------------------------|--------------------------------------------|
| Rechargeable battery                                | WTB-A01N                                   |
| Rechargeable battery operating time - backlight on  | 30 h                                       |
| Rechargeable battery operating time - backlight off | 50 h                                       |
| Rechargeable battery charging time                  | 12 h                                       |
| Battery/Accu connected                              | fixed electrical connection, not insulated |

## Environmental conditions

|                               |        |
|-------------------------------|--------|
| Ambient temperature [Min]     | -10 °C |
| Ambient temperature [Max]     | 40 °C  |
| Humidity of environment [Min] | 25 %   |
| Humidity of environment [Max] | 95 %   |
| Storage temperature [Min]     | -20 °C |
| Storage temperature [Max]     | 60 °C  |

## Approval

|         |   |
|---------|---|
| CE mark | ✓ |
|---------|---|

## Services (optional)

|                                                               |         |
|---------------------------------------------------------------|---------|
| Article number for adjustment at the location of installation | 961-248 |
| Article number for DAkkS calibration                          | 963-128 |
| Article number for certificate of conformity                  | 969-517 |

## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Delivery time                | 1 d            |
| Dimensions packaging (W×D×H) | 310×402×205 mm |
| Shipping method              | Parcel service |
| Net weight approx.           | 4,0 kg         |
| Gross weight approx.         | 4,6 kg         |
| Shipping weight              | 5,1 kg         |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761135918            |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD



### OPTION

DAkkS