

KERN FCB 6K-5

The new FCB: Checkweighing and portioning scale with up to three interfaces



| | |
|---------------|--------------------------------|
| | PCS % |
| Loadcell type | aluminium IP65 silicone-coated |

| Display | |
|---------------------------------|----------------------------|
| Display type | LCD |
| Display backlight | ✓ |
| Display screen size | 120×38 mm |
| Display digit height | 25 mm |
| Languages of the user interface | English Symbol language |

| Construction | |
|---------------------------------------|-----------------|
| Dimension housing (W×D×H) | 322×267×91 mm |
| Dimensions completely mounted (W×D×H) | 325×270×105 mm |
| Dimensions weighing surface (W×D) | 252×225 mm |
| Dimensions weighing surface | 252×225 mm |
| Material housing | plastic |
| Material weighing plate | stainless steel |
| Material display housing | Plastics |
| Material load cell(s) | aluminium |
| Level indicator | ✓ |
| Levelling feet adjustable | ✓ |
| Transport safety lock - bolt torque | 0,4 Nm |

| Functions | |
|---|----------------------------|
| Sum memory function | ✓ |
| Recipe/summing level | Sum A |
| Percentage determination | ✓ |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | acoustically visual |
| Underfloor weighing | None |
| Function for averaging under unstable weighing conditions | ✓ |
| Counting function | ✓ |
| Counting resolution (laboratory conditions) | 120.000 |
| Counting reference weight can be entered | ✓ |
| Smallest piece weight when piece counting - laboratory conditions | 50 mg |
| Smallest piece weight when piece counting - normal conditions | 500 mg |
| Reference quantity | 5, 10, 20, 50, free, Input |
| IP protection - complete device | - |

| Category | |
|------------------|------------------|
| Brand | KERN |
| Product category | Industrial scale |
| Product group | Bench scale |
| Product family | FCB |

| Measuring System | |
|--------------------------------|--------------------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 6000 g |
| Readability [d] | 0,05 g |
| Reproducibility | 0,05 g |
| Linearity | ± 0,15 g |
| Resolution | 120.000 |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 6 kg (F2) |
| Possible calibration points | 2 kg; 4 kg; 6 kg |
| Stabilization time | 2 s |
| Warm-up time | 120 min |
| Eccentric loading at 1/3 [Max] | 0,25 g |
| Maximum creep (15 minutes) | 500 mg |
| Maximum creep (30 minutes) | 1 g |
| Default unit | g |
| Units | kg |
| | g |
| | gn |
| | dwt |
| | ozt |
| | ct |
| | lb |
| | oz ffa |

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| | |
|--|------------------|
| IP protection - display | no IP protection |
| IP protection - load cell | IP65 |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 2 min |
| | 1 min |
| | 30 min |
| | 60 min |
| | 30 sec |
| Tare function | manual (multi) |
| Number of keys for operation | 6 |

| Interface | |
|----------------------------------|---------------------------------|
| Interfaces | RS-232 (optional) |
| | Ethernet (optional) |
| | Bluetooth BLE (v4.0) (optional) |
| | USB-Device (optional) |
| | KUP |
| | WiFi (optional) |
| EasyTouch (ET) - Compatibility | vollständig |
| EasyTouch (ET) - Connection type | KUP |

| 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 AC, 50 / 60 Hz |
| Input voltage device / power [Max] | 5,9V, 1A |
| Battery / accumulator type | Li-Ion |
| Battery operating time | 20 h |
| Rechargeable battery operating time - backlight on | 24 h |
| Rechargeable battery operating time - backlight off | 48 h |
| Rechargeable battery charging time | 8 h |
| Rechargeable battery optional | Rchrg. battery optional |

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

| | |
|---------------------------|--------|
| Storage temperature [Min] | -20 °C |
| Storage temperature [Max] | 60 °C |

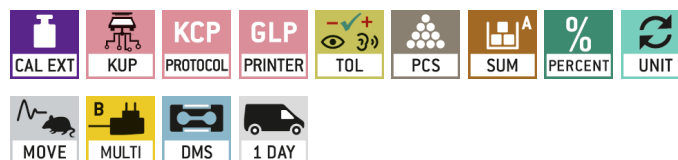
| Approval | |
|----------|---|
| CE mark | ✓ |

| Services (optional) | |
|---|---------|
| Article number for DAkkS calibration | 963-128 |
| Article number for certificate of conformity (verification) | 969-517 |

| Packing & Shipping | |
|------------------------------|----------------|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 395×335×200 mm |
| Net weight | 3,63 kg |
| Shipping method | Parcel service |
| Net weight approx. | 3,8 kg |
| Gross weight approx. | 4,2 kg |
| Shipping weight | 5,3 kg |

Pictograms

STANDARD



OPTION

