

# KERN CH 50K100

The classic among manual hanging scales – perfect for rapid weighing of higher loads



Display	
Display type	LCD
Display backlight	no
Display digit height	11 mm

Construction	
Dimension housing (W×D×H)	90×30×176,5 mm
Dimensions completely mounted (W×D×H)	90×30×283 mm
Dimensions housing - width (A)	90 mm
Dimensions housing - depth (B)	30 mm
Dimensions housing - height/length (C)	176,5 mm
Dimensions - total height/total length (D)	283 mm
Material housing	plastic
Material load hook	steel
Material display housing	Plastics
Load cells - number	1

Functions	
Underfloor weighing	None
Function for averaging under unstable weighing conditions	✓
Hold function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	3:30 min
Auto-off interval(s) in mains power mode	3 min
Tare function	manual (multi)
Number of keys for operation	3

Power Supply	
Supplied power supply	Battery
Battery / accumulator type	Alkali(-Manganese)
Battery	9 V block
Battery connection	9V Bloc
Battery operating time	80 h
Battery voltage	9 V

Environmental conditions	
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Humidity of environment [Max]	80 %
Storage temperature [Max]	60 °C

Category	
Brand	KERN
Product category	Industrial scale
Product group	Hanging scale
Product family	CH

Measuring System	
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	50 kg
Readability [d]	0,1 kg
Reproducibility	0,1 kg
Linearity	± 0,2 kg
Resolution	500
Adjustment options	Adjusting with external weight
Recommended adjusting weight	20 kg (M3)
Possible calibration points	20 kg
Stabilization time	2 s
Warm-up time	10 min
Maximum creep (15 minutes)	200 g
Maximum creep (30 minutes)	400 g
Eccentric/Off-centre loading is not possible	✓
Default unit	kg
Units	kg lb N
Internal measuring frequency	5 Hz
Tolerance (% of [Max])	0,5%

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## Approval

CE mark	✓
TÜV-tested	✓

## Services (optional)

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

## Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	225×150×70 mm
Shipping method	Parcel service
Net weight approx.	0,35 kg
Gross weight approx.	0,55 kg
Shipping weight	0,54 kg

## Pictograms

### STANDARD



### OPTION

