

KERN CH 50K50

KERN

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



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]	0,05 kg
Resolution	1.000
Linearity	± 0,1 kg
Reproducibility	0,05 kg
Default unit	kg
Units	kg lb N
Recommended adjusting weight	20 kg (M3)
Possible calibration points	20 kg
Stabilization time	2 s
Warm-up time	10 min
Eccentric/Off-centre loading is not possible	✓
Maximum creep (15 minutes)	100 g
Maximum creep (30 minutes)	200 g
Tolerance (% of [Max])	0,5%
Internal measuring frequency	5 Hz

Approval	
CE mark	✓

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
Material housing	plastic
Material load hook	steel

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

Power Supply	
Supplied power supply	Battery
Battery	9 V block
Battery / accumulator type	Alkali(-Manganese)
Battery voltage	9 V
Battery operating time	20 h

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

Packing & Shipping	
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	225×150×70 mm
Net weight	0,316 kg
Shipping method	Parcel service
Net weight approx.	0,35 kg
Gross weight approx.	0,55 kg
Shipping weight	0,54 kg

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Services (optional)

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

Pictograms

STANDARD



OPTION

