

KERN HCN 200K500IP

KERN

Robust, compact hanging scale with high level of protection against dust and water spray



Date of creation: 20.06.2026

Category

Brand	KERN
Product category	Industrial scale
Product group	Hanging scale
Product family	HCN

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	200 kg
Readability [d]	0,5 kg
Reproducibility	0,5 kg
Linearity	± 1 kg
Resolution	400

Adjustment options	Adjusting with external weight
--------------------	--------------------------------

Recommended adjusting weight	100 kg (M3)
------------------------------	-------------

Eccentric/Off-centre loading is not possible	✓
--	---

Stabilization time	2 s
--------------------	-----

Construction type of the scale	Single-range balance
--------------------------------	----------------------

Units	kg lb N
-------	---------------

Internal measuring frequency	5 Hz
------------------------------	------

Tolerance (% of [Max])	0,5%
------------------------	------

Maximum creep (15 minutes)	1 kg
----------------------------	------

Maximum creep (30 minutes)	2 kg
----------------------------	------

Default unit	kg
--------------	----

Display

Display type	LCD
--------------	-----

Display backlight	no
-------------------	----

Display screen size	40×17 mm
Display digit height	12 mm
Languages of the user interface	English Symbol language

Construction

Dimension housing (W×D×H)	96×48×179 mm
---------------------------	--------------

Dimensions housing - width (A)	95,6 mm
--------------------------------	---------

Dimensions housing - depth (B)	48,4 mm
--------------------------------	---------

Dimensions housing - height/length (C)	179,2 mm
--	----------

Dimensions hook/bottom - hole diameter (G)	29 mm
--	-------

Dimensions loop/top - thickness (H)	2 mm
-------------------------------------	------

Dimensions hook/bottom - thickness (I)	13 mm
--	-------

Material housing	stainless steel
------------------	-----------------

Material load hook	stainless steel
--------------------	-----------------

Material display housing	stainless steel
--------------------------	-----------------

Material load cell(s)	stainless steel
-----------------------	-----------------

Load cells - number	1
---------------------	---

Functions

Underfloor weighing	None
---------------------	------

Hold function	✓
---------------	---

IP protection - complete device	IP65
---------------------------------	------

Auto-off interval(s) in battery mode/rechargeable battery 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	2×1.5 V AA
---------	------------

Battery connection	Battery insert
--------------------	----------------

Battery operating time	300 h
------------------------	-------

Battery capacity	2.700 mAh
------------------	-----------

Battery voltage	3 V
-----------------	-----

Battery - Number of cells	2
---------------------------	---

Battery - Individual weight	22,6 g
-----------------------------	--------

Battery capacity (Wh)	4,05 Wh
-----------------------	---------

Battery - Lithium content	0 g
---------------------------	-----

Rechargeable battery operating time - backlight off	300 h
---	-------

Battery/Accu connected	not connected, enclosed
------------------------	-------------------------

KERN HCN 200K500IP



Robust, compact hanging scale with high level of protection against dust and water spray

Environmental conditions

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

Approval

CE mark	✓
TÜV-tested	✓

Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for DAkkS calibration	963-129H
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	150×220×73 mm
Shipping method	Parcel service
Net weight approx.	0,50 kg
Gross weight approx.	1,2 kg
Shipping weight	1,1 kg
Shipping volume weight	0,5 kg

Product information

GTIN/EAN number	4045761083950
Trade number	84238220
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

