

KERN HFA 600K-1

Compact crane scale with integrated display can also be used for tensile force measurement



Approval

CE mark ✓

Display

Display type LCD
 Display backlight ✓
 Display digit height - smallest digit 2 mm
 Display digit height 23 mm
 Languages of the user interface Symbol language

Construction

Dimension housing (W×D×H) 90×55×255 mm
 Dimensions housing - width (A) 90 mm
 Dimensions housing - depth (B) 62 mm
 Dimensions housing - height/length (C) 100 mm
 Dimensions - total height/total length (D) 255 mm
 Dimensions loop/top - thickness (H) 30 mm
 Dimensions hook/bottom - hole diameter (G) 27 mm
 Dimensions - inner length (E) 165 mm
 Dimensions loop/top - hole diameter (F) 27 mm
 Dimensions hook/bottom - thickness (I) 30 mm
 Material housing aluminium
 Material load hook stainless steel bushing
 Material load cell(s) aluminium
 Load cells - number 1

Functions

Number of keys for operation 5
 Auto-off interval(s) in mains power mode 5 min
 30 min
 15 min
 Auto-off interval(s) in battery mode/rechargeable battery mode 3 min
 5 min
 30 min
 15 min
 Tare function manual (multi)
 Hold function ✓
 Tolerance weighing ✓
 Tolerance weighing - type of signal visual
 Peak function ✓
 Underfloor weighing None

Category

Brand KERN
 Product category Industrial scale
 Product group Crane scale
 Product family HFA

Measuring System

Construction type of the scale Single-range balance
 Weighing system Strain gauge
 Weighing capacity [Max] 600 kg
 Readability [d] 0,2 kg
 Resolution 3.000
 Linearity ± 0,6 kg
 Reproducibility 0,2 kg
 Default unit kg
 Units kg
 lb
 N
 Adjustment options Adjusting with external weight
 Recommended adjusting weight 600 kg (M3)
 Stabilization time 2 s
 Warm-up time 10 min
 Eccentric/Off-centre loading is not possible ✓
 Maximum creep (15 minutes) 800 g
 Maximum creep (30 minutes) 1,6 kg
 Loadcell type aluminium silicone-coated
 Tolerance (% of [Max]) 0,2%
 Internal measuring frequency 60 Hz

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Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	9 V, 800 mA
Plug-in power supply type	Power adapter
Supplied power supply	Accu & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	15 h
Rechargeable battery operating time - backlight off	30 h
Battery	3×1.5 V AA
Battery / accumulator type	NiMH
Battery connection	Pad + Spring
Battery capacity	1.800 mAh
Battery voltage	3,6 V
Battery operating time	30 h

Environmental conditions

Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	390×315×120 mm
Net weight	1,8 kg
Shipping method	Parcel service
Net weight approx.	1,8 kg
Gross weight approx.	2,6 kg
Shipping weight	2,9 kg

Services (optional)

Article number for adjustment at the location of installation	961-250
Article number for DAkkS calibration	963-130H

Article number for certificate of conformity (verification) 969-517

Pictograms

STANDARD



OPTION

