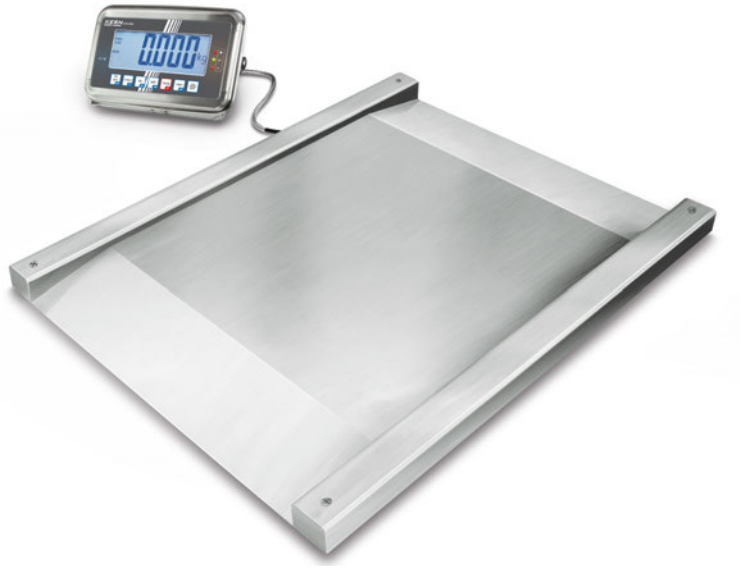
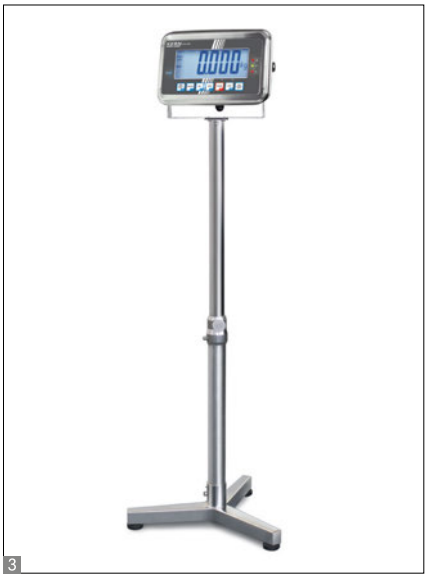
Laundry cart scale KERN NFN

PROFESSIONAL CARE





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Stainless steel drive-through scale with two integrated access ramps and EC type approval [M]

Features

- Robust stainless steel drive-through scale for rapid weighing of e.g. laundry carts, container trolleys, roller containers, etc. Ideal for hospital laundry services, goods inwards, hospital kitchens, etc.
- Low platform height and integrated access ramps on both sides facilitate access. No need for pit frame installation – which saves money
- Weighing bridge stainless steel, extremely resistant to bending
- 1 4 load cells steel, encapsulated. Protection against dust and water splashes IP68, suitable for continuous use in wet areas
- 2 Stainless steel display device with protection against dust and water splashes IP65
- Superior display size: digit height 52 mm. Bright backlight for easy reading of weight, even in poor lighting conditions
- Easy and hygienic cleaning
- Suitable for the ever-increasing hygienic requirements in the medical environment
- Totalising of weights and piece counts

Technical data

- Large backlit LCD display, digit height 52 mm
- Overall dimensions W×D×H 1600×1200×80 mm
- Weighing surface, without access ramps W×D 1000×1000 mm
- Dimensions of display device W×D×H 266×165×96 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Rechargeable battery pack internal, operating time up to 35 h without backlight, charging time approx. 10 h, must be ordered at purchase, KERN GAB-A04
- 3 Stand to elevate display device, stainless steel, height-adjustable, height of stand 750–1000 mm, KERN BFN-A04
- Pair of base plates to fix the weighing bridge to the floor, KERN BFN-A03
- Large display with superior display size, only in combination with KFN-A01, please refer to KERN's website for more details. KERN YKD-A02
- Cable with special length 15 m, between display device and platform, must be ordered at purchase, KERN BFB-A03
- Data interface RS-232, interface cable included, approx. 1.5 m, must be ordered at purchase, KERN KFN-A01
- Matrix needle printer, KERN YKN-01
- Label printer, KERN YKE-01
- Thermal printer, KERN YKB-01N
- For further details, plenty of further accessories and suitable printers see Internet

STANDARD

CAL EXT · KCP PROTOCOL · PCS · SUM · TOL · MOVE · IP 65 (2) · IP 68 (1) · ACCU · MULTI · DMS · 2 DAYS

FACTORY

RS 232 · M +3 DAYS

Model	Weighing range	Readability	Verification value	Minimum load	Net weight		Mandatory by law Verification	
KERN	[Max] kg	[d] g	[e] g	[Min] g	kg		M III KERN	
NFN 600K-1M	600	200	200	4000	125		965-230	
NFN 1.5T-4M	1500	500	500	10000	135		965-230	

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Pictograms

Adjusting program CAL:
For quick setting up of the balance's accuracy. External adjusting weight required

Memory:
Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.

Data interface RS-232:
To connect the balance to a printer, PC or network

Control outputs (optocoupler, digital I/O):
To connect relays, signal lamps, valves, etc.

Statistics:
using the saved values, the device calculates statistical data, such as average value, standard deviation etc.

PC Software:
to transfer the measurements from the device to a PC

GLP/ISO-Protokoll:
With date and time.
Only with KERN printers

KERN Communication Protocol (KCP):
It is a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems

Piece counting:
Reference quantities selectable. Display can be switched from piece to weight

Totalising level A:
The weights of similar items can be added together and the total can be printed out

Weighing units:
Can be switched to e.g. nonmetric units at the touch of a key. Please refer to website for more details

Weighing with tolerance range:
(Check weighing) Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model

Hold function:
When patients do not stand, sit or lie completely still, a stable weight is calculated using an average weight

Hold function:
When the weighing conditions are unstable, a stable weight is calculated as an average value

ZERO:
Resets the display to "0"

Protection against dust and water splashes IPxx:
The type of protection is shown in the pictogram

Suspended weighing:
Load support with hook on the underside of the balance

Battery operation:
Ready for battery operation. The battery type is specified for each device

Rechargeable battery pack:
Rechargeable set

Universal mains adapter:
with universal input and optional input socket adapters for A) EU, CH; B) EU, CH, GB, USA

Mains adapter:
230V/50Hz in standard version for EU. On request GB, AUS or USA version available

Power supply:
Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request

Weighing principle: Strain gauges
Electrical resistor on an elastic deforming body

Peak hold function:
capturing a peak value within a measuring process

Push and Pull:
the measuring device can capture tension and compression forces

Integrated scale:
In the eyepiece

360° rotatable microscope head

Monocular Microscope:
For the inspection with one eye

Binocular Microscope:
For the inspection with both eyes

Trinocular Microscope:
For the inspection with both eyes and the additional option for the connection of a camera

Abbe Condenser:
With high numerical aperture for the concentration and the focusing of light

Halogen illumination:
For pictures bright and rich in contrast

LED illumination:
Cold, energy-saving and especially long-life illumination

Fluorescence illumination for compound microscopes:
With 100 W mercury lamp and filter

Fluorescence illumination for compound microscopes:
With 3 W LED illumination and filter

Phase contrast unit:
For a higher contrast

Darkfield condenser/unit:
For a higher contrast due to indirect illumination

Polarising unit:
To polarise the light

Infinity system:
Infinity corrected optical system

Automatic temperature compesation:
For measurements between 10 °C and 30 °C

Verification possible:
The time required for verification is specified in the pictogram

Package shipment:
The time required for internal shipping preparations is shown in days in the pictogram

Pallet shipment:
The time required for internal shipping preparations is shown in days in the pictogram

Your KERN specialist dealer