Laundry Cart Scale KERN NFN

Stainless steel drive-through scale with two integrated access ramps, verification optional

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, stainless 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 weighing results, 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
- Internal rechargeable battery pack included with the delievery

Technical data

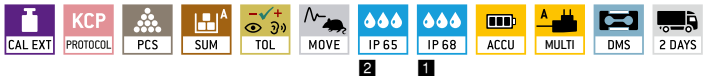
- Large backlit LCD display, digit height 52 mm
- Weighing plate dimensions W×D 1000×1000 mm (Without ramps)
- Platform height in the drive-through area: 80 mm
- Overall dimensions W×D×H 1600×1200×80 mm
- Dimensions of display device W×D×H 266×165×96 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- 3 Stand to elevate display device, height of stand approx. 1040 mm, KERN YKP-02
- Pair of base plates to fix the weighing bridge to the floor, KERN BFN-A03
- 4 Large display with superior display size, KERN YKD-A02
- Cable with special length 15 m, between display device and platform, for verified models which must be ordered at the time of purchase, KERN BFB-A03
- Data interface RS-232, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KFN-A01
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification. When installing the Bluetooth data interface, the RS-232 data interface can no longer be used, KERN KFB-A03
- Matrix needle printer, KERN YKN-01
- Affordable universal label printer to print out weights on thermal labels. ASCII-capable. Convenient Auto-Forward function to automatically jump from label to label (only with KERN standard labels), KERN YKE-01
- Thermal printer, KERN YKB-01N
- For further details, plenty of further accessories and suitable printers, see Internet

Note: For verified scales the weighing bridge must be fixed to the floor. Optionally, with an access ramp, a footplate pair or a pit frame
Optionally configurable with IP68 display device on request.
Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

STANDARD



FACTORY

Model	Weighing range	Readout	Verification value	Minimum load	Net weight approx.	Mandatory by law Verification
KERN	[Max] kg	[d] kg	[e] kg	[Min] kg	kg	KERN
NFN 600K-1M	600	0,2	0,2	4	105	965-230
NFN 1.5T-4M	1500	0,5	0,5	10	105	965-230

MEDICAL SCALES 2024

KERN 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

RS-485 data interface
To connect the balance to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible

USB data interface
To connect the balance to a printer, PC or other peripherals

Bluetooth* data interface
To transfer data from the balance to a printer, PC or other peripherals

WIFI data interface
To transfer data from the balance to a printer, PC or other peripherals

Control outputs (opto-coupler, digital I/O)
To connect relays, signal lamps, valves, etc.

Statistics
sing 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 log internal
The balance displays weight, date and time, independent

GLP/ISO log
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.
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

ZERO
Resets the display to "0"

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

Protection against dust and water splashes IPxx
The type of protection is shown in the pictogram cf. DIN EN 60529:2000-09, IEC0529:1989+A1:1999 +A2:2013

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

Battery operation rechargeable
Prepared for a rechargeable battery operation

Rechargeable battery pack
Rechargeable set

Universal plug-in power supply
with universal input and optional input socket adapters for
A) EU, CH
B) EU, CH, GB, US
C) EU, CH, GB, US, AUS

Plug-in power supply
230V/50Hz in standard version for EU. On request GB, AUS or US version available

Integrated power supply unit
Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or US 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 compensation
For measurements between 10 °C and 30 °C

Conformity assessment
The time required for conformity assessment 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