



Easy Touch



The complete solution for prepack processes, with optional verification

Features

When used together, the KERN IFC IoT-Line platform scale and EasyTouch PrePack offer the ideal solution for prepack processes. Legal regulations mean that you only have to check random samples rather than having to check the weights of all mechanically packaged food-stuffs. This requires an accurate balance and a complex statistical calculation. This complete solution for prepack processes combines both requirements in one user-friendly operation

- With EasyTouch SET-17 PrePack you can carry out all kinds of prepack processes. After every check, the software clearly indicates whether the result is "OK" or "NOK". In addition, it allows you to adjust the filling or bottling quantity in order to reduce losses due to overfilling to a minimum.
- As an alternative to random sampling checks, the software also enables full checking of all filled products, including individual price labelling. For this purpose, EasyTouch offers a powerful label printing function which runs automatically in the background in production mode

- The bundle contains:
 - IoT-Line platform scale KERN **1** IFC 6K1DM / **2** IFC 30K5DM
 - Software EasyTouch SET-01 Base
 - Software EasyTouch SET-17 PrePack
 - USB interface adapter KERN KUP-03
 - Memory module (alibi memory) KERN YMM-04

STANDARD



OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Weighing plate W×D×H mm	Net weight approx. kg	Options	
							Verification KERN	Calibr. Certificate DAKKS accr. KERN
Multi-division balance, with increasing or decreasing load, it switches automatically to the next largest or smallest weighing range [Max] and readout [d].								
IFC 6K1DM-PREPACK	3 6	1 2	1 2	100 200	300×240×109	2,8	965-228	963-128
IFC 30K5DM-PREPACK	15 30	5 10	5 10	100 200	400×300×117	2,8	965-228	963-128

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

KERN Pictograms



Internal adjustment
Quick setting up of the balance's accuracy with internal adjusting weight



External adjustment
Quick setting up of the balance's accuracy with external adjusting weight



EasyTouch
Suitable for the connection, data transmission and control through PC or tablet



Memory
Device memory capacity, e.g. for article data, measuring data, tare weights, PLU etc.



Alibi memory
Secure, electronic archiving of measuring results, complying with the 2014/31/EU standard



Data interface RS-232
To connect the device to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible



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



KERN Universal Port (KUP)
allows the connection of external KUP interface adapters, e.g. RS-232, RS-485, SB, Bluetooth, WiFi, Analogue, Ethernet etc. for the exchange of data and control commands, without installation effort



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



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



WiFi data interface
To transfer data to a printer, PC or other peripherals



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



User Management
The measuring device enables the creation of passwordprotected user profiles with different authorisation levels



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



Analogue interface
To connect a suitable peripheral device for analogue processing of the measurements



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



Network interface
For connecting the measuring device to an Ethernet network



KERN Communication Protocol (KCP)
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



GLP/ISO log internal
The measuring device generates a GLP-compliant printout, independent of a printer connection



Value & Time
The measuring device outputs the value, date and time, regardless of the connected printer



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



Net-Total
The weights of the recipe ingredients can be added together and the total weight of the recipe can be printed out



Formulation
Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display



Totalising function
The weights of similar items can be added together and the total can be printed out



Density Determination
The density of liquids and solids with a density of $\leq/\geq 1$ is determined directly in the measuring device



Percentage determination
Determining the deviation in % from the target value (100 %)



Units
Can be switched to e.g. nonmetric units. For further details see website



Mesuring 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 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



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 plug-in power supply
with universal input and optional input socket adapters for EU, CH, GB or EU, CH, GB, US or 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 measuring device. 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



Weighing principle Tuning Fork
A resonating body is electromagnetically excited, causing it to oscillate



Weighing principle Electromagnetic Force Compensation
Coil inside a permanent magnet. For the most accurate weighings



Weighing principle Single-Cell Technology
Advanced version of the force compensation principle with the highest level of precision



Conformity assessment
The time required for conformity assessment is 3 working days



Accredited calibration (DKD)
The time required for accredited calibration is 3 working days



Factory calibration (ISO)
The time required for factory calibration is 4 working days



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