NEW

IoT ready



Easy Touch

+

Software EasyTouch
SET-17
**PrePack**

# The complete solution for prepack processes, with optional verification

## Features

- When used together, the KERN IXC 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 foodstuffs. 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 reduce losses due to ovefilling 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 IXC 6K-3M / 2 IXC 30K-3LM
  - Software EasyTouch SET-01 Base
  - Software EasyTouch SET-17 PrePack
  - USB interface adapter KERN KUP-03
  - Memory module (alibi memory) KERN YMM-04
  - Real time clock KERN YMM-05

STANDARD

CAL EXT · ET · ALIBI · USB · KCP PROTOCOL · GLP INTERN · PCS · SUM · PERCENT · TOL · MOVE · IP 65 · IP 68 · 230 V · DMS · 1 DAY

OPTION

DAkkS +3 DAYS

FACTORY

RS 232 · BT · WIFI · ANALOG · LAN · ACCU · M +3 DAYS

| Model | Weighing capacity [Max] | Readability [d] | Verification value [e] | Minimal load [Min] | Weighing plate W×D×H | Net weight approx. | Options: Verification | Options: Calibr. Certificate |
|---|---|---|---|---|---|---|---|---|
| KERN | kg | g | g | g | mm | kg | MID KERN | 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]. | | | | | | | | |
| **IXC 6K-3M-PREPACK** | 3 \| 6 | 1 \| 2 | 1 \| 2 | 100 \| 200 | 300×240×109 | 2,8 | 965-228 | 963-128 |
| **IXC 30K-3LM-PREPACK** | 15 \| 30 | 5 \| 10 | 5 \| 10 | 100 \| 200 | 500×400×127 | 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-48**
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 ≤/≥ 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