KERN

PRODUCT BROCHURE

KERN SET-31

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ENGLISH



EasyTouch Tolerance - Tolerance weighing function

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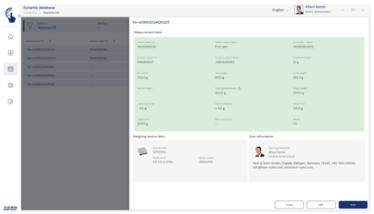
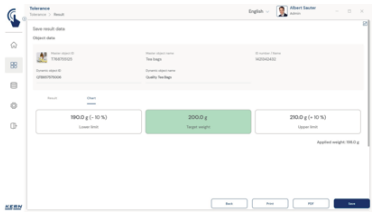
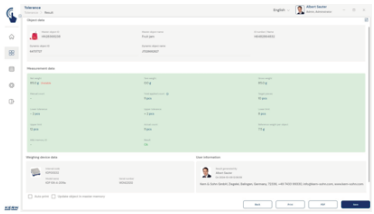
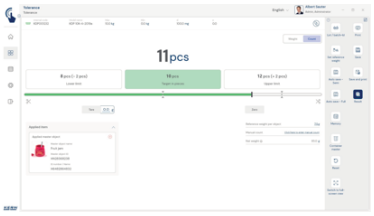
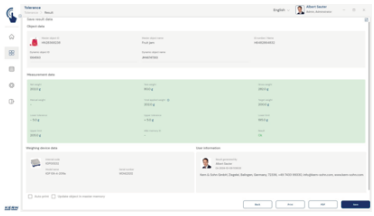
PRODUCT SHOWCASE











DESCRIPTION

- Note: Prerequisite for this set is the basic program SET-01 Base
- The tolerance weighing function allows rapid, simple as well as complex checkweighing procedures. For this, the user specifies a lower and an upper weight limit. Using EasyTouch, a range of objects can be weighed and the system indicates whether that particular weight is within the defined limits or is outside those limits. This function in many applications, including sorting, portion division as well as quality assurance
- You can enter the limits rapidly and easily using the touchscreen or PC. There are two ways to do this: Either set a lower or upper value as an absolute limit or define a target value with a lower and upper permitted deviation. The permitted deviations can be entered either as an absolute value in “g” or as a relative value in “%” of the target value
- Central master data memory: Checkweighing objects can be stored in the memory of the system with a target weight and lower and upper limits. In this way these limits do not have to constantly be entered again, but can be easily recalled from the memory. In the master data memory you can also store a possible tare value for the typical packaging, box or container which is typically used for the object and which will then be deducted automatically from the weighing result
- ID security: “ID security” offers the possibility of storing each weighed and stored classification result with a

unique ID number (Dynamic Object ID) and an ID name (Dynamic Object Name), e.g. using a barcode scanner. The saving process can be triggered on a semi-automatic or fully-automatic basis and always after the load has been taken off the balance and when load is applied again. This means that the user does not have to press any buttons for mass storage operations and can work efficiently

- Colour bar graph: Shows the user clearly and quickly whether the weighing result is below, within or above the tolerance range. The result marker “I” also indicates exactly where the weight is within the tolerance range
- Full-screen mode: In full-screen mode, the area of the result display is colored over the entire width of the screen in the respective result color of the tolerance weighing
- Batch ID: In addition for “ID security” of each individual object, a “Batch ID” can be assigned for a full test batch. This batch ID number is saved with each individual memory. In this way, you guarantee that later all stored results in the dynamic data memory can be identified with this batch ID
- Tolerance function in pieces: The checkweighing function can be performed in g, kg or alternatively in pieces. For this purpose, you can enter the individual weight of the count object (reference weight), the target piece count and the upper and lower limit piece count
- Tolerance function in percent: It is possible to operate the checkweighing function as a percentage instead of g, kg or in pieces. To do this, enter the target value as well as the upper and lower values in percent

Basic and advanced modes: quick and easy to use in everyday working life

- EasyTouch is used in many professional applications to support weighing processes. The user's focus is usually on another primary activity – the weighing process is simply an integrated sub-step. This is why it should be as simple, clear and designed for error-free use as possible
- The so-called basic mode reduces the user interface to the essentials and ensures simple, user-friendly operation. Procedure in basic mode: In basic mode, the user simply selects the desired item, for example by scanning a barcode. The system then automatically performs the assigned function, such as weighing, piece counting, tolerance checks or other specific processes. The data is then saved - that's it. This automated procedure minimises sources of error and significantly optimises the workflow
- All functions are fully available in advanced mode. It is ideal for experienced users who regularly work with more complex requirements

Options

- The central data memory function Save Server (SET-10) for additional storage of all measurement data in a central, local server directory. By doing this the measurement data of all connected EasyTouch weighing systems as well as from all installed EasyTouch functions will be stored. A particular benefit of doing this for those users with several weighing systems is that all weighing data is consolidated in just one database and you can search for individual measurement data from several balances in just one table. The Save Server data memory is also tamper-proof and cannot be changed
- SET-261 Audio Management: With this option, individual voice or sound files can be stored in the system for specific events. As soon as the event occurs, the system plays the individual sound file instead of the standard sound file in this case. In this way, for example, voice output can be stored for workshops for the blind, such

as “too light”, “OK” or “too heavy”, KERN SET-261

- Quick keys for frequently used objects:
  - Automatic display of the last eight master data objects used in the tolerance function in the footer of the weighing screen
  - Efficiency: Allows the user to select the right object at the push of a button
  - Avoids having to search for the right object in the master data memory, KERN SET- 311

License information

- Licensing: One license can be operated on up to four terminal devices (PC, laptop, tablet) at the same time, working independently
- User: You can store as many users as you need in one license
- Balances: You can store and operate as many balances as you need in one license
- Communication between balance/terminal device: The balance(s) can communicate with the PC, laptop or tablet by serial connection, USB, Bluetooth, Ethernet or WiFi

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SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	SET-31
Model-Serie	ETS
Assortment	KERN
Product Type	Software
Product group	EasyTouch
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761360440
Predecessor Model	SET-31-2021a
Successor Model	SET-31-2026e
Customs tariff number	85234910
Country of Origin	DE

Technical data - Packing & Shipping

Delivery time	1 d

FUNCTIONS

Standard



Option



SOFTWARES

Model	Description
SET-261	KERN EasyTouch SET-261 Audio Management
SET-311	KERN EasyTouch SET-311 Quick Key
SET-14	KERN EasyTouch SET-14 Individual Print
SET-40	KERN EasyTouch SET-40 Protect
SET-411	KERN EasyTouch SET-411 Hotkeys