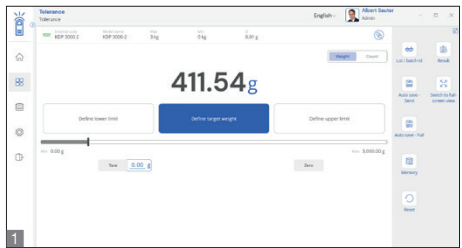
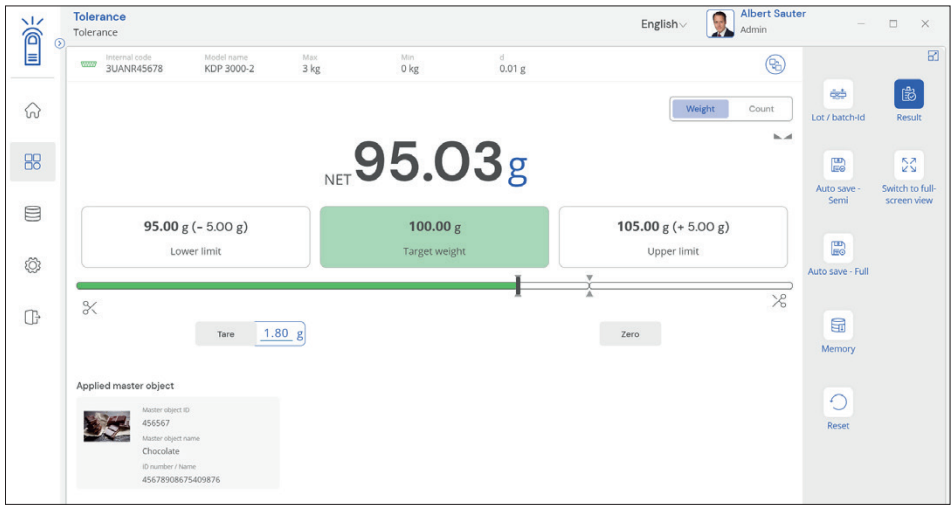
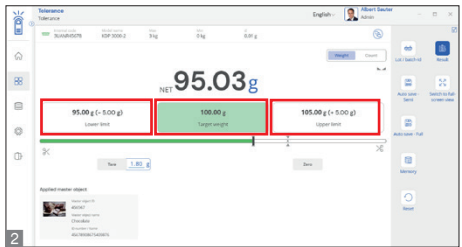


KERN SET-31 EasyTouch Tolerance



Define target value



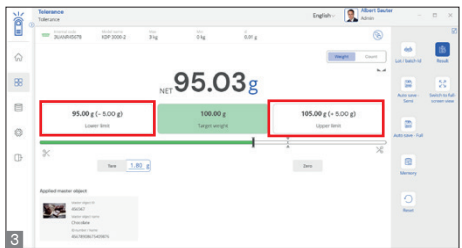
Permitted deviation

ET Tolerance - Tolerance weighing function

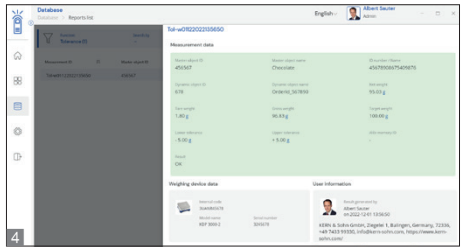
Features

- Note: the required basis is **SET-01 ET OS** (basic package). **SET-31** is part of the **SET-03 Premium Industrial package** with “piece-counting function” and “target count function” at a bargain price.
- The tolerance weighing function allows rapid, simple and complex checkweighing processes. Here the user enters a lower and upper weight limit. With the KERN Easy-Touch system you can weigh a wide range of objects and the system will indicate whether the current weight is within or outside the defined limits. This function is used for sorting, portioning as well as commissioning and other processes
- 1** In KERN EasyTouch Tolerance the limits can be entered extremely quickly using the touchscreen or on the PC in the relevant field. You can enter the limits in two ways: Either just by using lower and upper limits (**absolute limits**) **3** or using **target value** with lower and upper **permitted deviation**. **2** the permitted deviations can be entered either in “g” (as absolute value) or in “%” from target value (as relative value) **5**
- 6** Central **master data memory**: Checkweighing objects can be stored in the system memory with a target weight as well as lower and upper limits. By doing this, these limits do not have to be constantly re-entered, but can easily be recalled from the memory. In the master data memory, you can store a possible tare value for the packaging, box or container which would typically be used for the item and which is then automatically subtracted from the weighing result

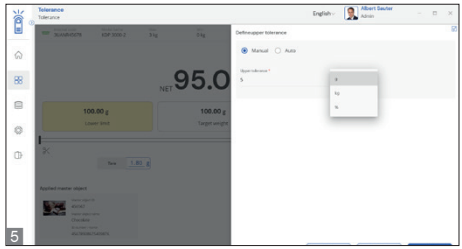
- 4 ID security**: Offers the possibility of saving every weighed and stored weighing result with a unique ID number (Dynamic Object ID) and an ID name (Dynamic Object Name). The saving process can occur on a semi-automatic or fully-automatic basis and certainly every time the load is taken off the balance and then load is applied again. This means that the user does not have to press any buttons for mass storage and can work efficiently
- Colour bar graph**: Through the colour bar graph, the user is shown clearly and quickly whether the weighing result is below, within or above the tolerance range. The red result marker “I” also shows the user exactly where the weight is within the tolerance range
- 7 Full mode**: In full mode, the area for displaying the results will be coloured in the particular result colour for tolerance weighing across the full screen width
- 8 Batch ID**: In addition to “ID security” for each individual object, a “Batch ID” can be allocated for a complete test batch. This batch ID will be stored along with each individual save operation **9** Doing this guarantees that all stored results in the dynamic data memory can be identified later with this batch ID



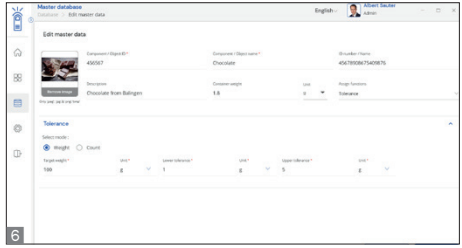
Absolute limits



Dynamic item data



Permitted deviations

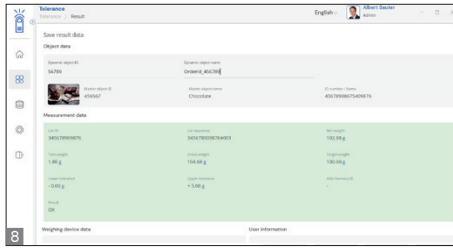


Master data memory

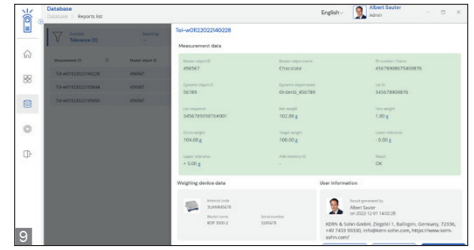
KERN SET-31 EasyTouch Tolerance



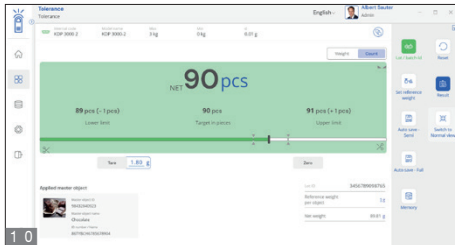
7 Display in full mode



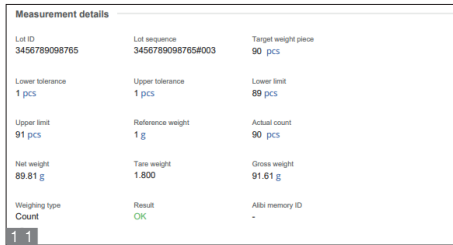
8 Batch ID



9 Batch ID in the dynamic data memory



10 Tolerance function in pieces



11 Quick keys

- **10 Tolerance function in pieces:** The Checkweighing function can be carried out in g, kg as well as in pieces. To do this, you can enter the individual weight of the object to be counted (reference weight), target quantity as well as upper and lower limit quantities
- **Tolerance function in percent:** It is possible to operate the checkweighing function in percent instead of g, kg or pieces. When doing this, enter the target value as well as the upper and lower limits as a percentage

Options

- **7 Save-Server** central data memory function for additional storage of all measuring data in a central, local server directory. This is where measuring data is stored from all weighing systems connected using KERN EasyTouch, as well as all installed KERN EasyTouch functions. The advantage of this, particularly for users with several weighing systems, is having all weighing data consolidated in just one database and only having to search for individual measuring data from different balances in one table. Save-Server data storage is also tamper-proof and cannot be changed, KERN SET-10

- **Save-Cloud:** Has the same central data memory function as the Save-Server for all weighing systems connected to KERN EasyTouch. The difference is that in Save-Data Cloud, the storage location is a KERN Server, which can be accessed over the internet, instead of a server in a local network. Setting up Save-Data Cloud functionality takes place automatically and does not require a network administrator on the user side, KERN SET-101
- **SET-261 Voice Output:** 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 back the individual sound file instead of the standard sound file. In this way, for example, clear speech output can be stored for workshops for the blind, such as “too light”, “OK” or “too heavy”, KERN SET-261
- **11 Quick keys for frequently used objects:**
 - Automatic display of the last 8 master data objects used in the ET 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

Technical data

- Licence model: A license can be operated on up to four terminal devices (PCs, laptops, tablets) at the same time and independently
- User: An unlimited number of users can be created in one license
- Balances: You can create and operate as many balances in one licence as you want
- Communication between balance/terminal device: Balances can communicate with the PC, laptop or tablet by serial connection, USB, Bluetooth, Ethernet or WIFI

