

Avoid Human Errors

With the Embedded Article Database

Speed up by retrieving stored measuring parameters

Repetitive tasks can be tiring for the operator and prone to errors. Entering tare values or the tolerance values for a checkweighing process require high concentration.


Saving these values in a scale database allows users to quickly retrieve them at the push of a button. The operator can manually enter the article number via the keyboard or simply scan the article barcode. Not only is this process simpler and less error-prone, but it also is faster than repeatedly entering the same information for every measurement.

The ICS685 compact scale offers a scale-embedded database for up to 30,000 articles.



Save an article to the scale-embedded database

By pressing the softkey  the database is retrieved.

The softkey  allows users to create a new article. Besides the obvious parameters, such as article number/name and description, each article can be assigned a weighing application and the corresponding parameters.

For **piece counting**, the average piece weight (APW) can be stored in the database. That way, the user doesn't have to determine the APW every time before counting. Instead the user simply retrieves the information from the article database and starts counting right away.

For **checkweighing**, target weight and tolerance values can be stored in the internal database. Entering the article number/name immediately starts the application with all relevant parameters retrieved from the article database.

Database		
Article	Description	Article info 1
087 003 006		

Edit article			
Article database: Page 4/6 - Checkweighing Active <input type="checkbox"/>			
G:	0.000 kg	T:	0.000 kg
N:	0.000 kg		
Application	Checkweighing		
Tolerance type	Relative		
Target	Absolute 0 kg		
Tolerance -	Relative 0.000 kg		
Tolerance +	0.000 kg		

Set up an article database remotely on a PC

Entering article parameters for large quantities of articles via the scale keypad can be tiring. To avoid errors, the article database can also be set up on a PC and then uploaded to the ICS685 scale. Additionally, that allows a simple distribution of the database to various scales.

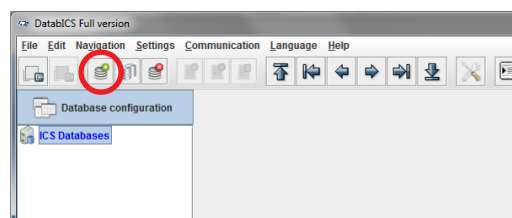
To upload the database to the scale, it needs to be in a comma-separated values (CSV) file format, which is commonly used when moving tabular data between programs that operate on incompatible formats. CSV files can e.g. be created in Microsoft® Excel.

One option to upload the CSV file to the scale(s) is with a USB-Memory stick. (Requires the optional USB-Host feature installed on each scale)

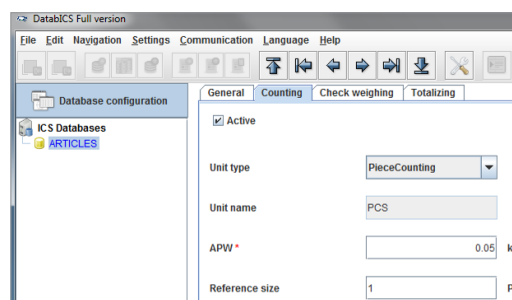
Another, more convenient way to set up the article database and directly upload it to the scale(s) is offered by the DatabICS software. The basic version is freely available on

► www.mt.com/ind-databics

Create a new database using the icon or right mouse click on "ICS Database".



Create a new article and enter the general article info. Then select one of the application tabs and define the application parameters to be used with this article.



Finally select all articles to be uploaded and start the data transfer to the scale (the scale needs to be connected to the PC via standard RS232 or optional Ethernet, WLAN or USB device interface).



www.mt.com/ICS685

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