

## Database file creating

Database can be built in Excel datasheet form, where each product (or user) has one row and each column have product (or user) data. This way created database, saved in \*.csv extension with semicolons (MS DOS) can be send to scale using Scale Database software and scale's serial interface.

### 1. Products file

File should consist a list of maximum 300 products. One row describes one product.

Row specification:

<M(emory nr)>;<Prod(uct) Id>;<Prod(uct) bA(rcode)>;<Prod(uct) nAme>;<APW>;<PtArE>;<thr Lo>; <thr Hi>

where:

- 1)<M(emory nr)> product number in memory (index) (1-300), max 8 ASCII digits,
- 2)<Prod(uct) Id> product id, max 8 ASCII digits,
- 3)<Prod(uct) bA(rcode)> product barcode, max 16 ASCII signs,
- 4)<Prod(uct) nAme> product name, max 20 signs ASCII,
- 5)<APW> single piece weight (unitary weight), max 8 signs, no unit,
- 6)<PtArE> packing weight, max 8 signs, no unit,
- 7)<thr Lo> lower threshold, max 8 signs, no unit,
- 8)<thr Hi> upper threshold, max 8 signs, no unit.

Example product row with index 1:

1;0001;1234567890123;Nakrętka M10;10;0;5;200

Despite the user won't fill in all the data in columns, the created database file must have 8 columns (empty columns also).

### 2. User file

The file should consist max 10 users. One line (row) describes one user.

Row specification:

<index>;<id>;<name\_u>

where:

- 1)<index> user index (1-10), max 8 digits ASCII ,
- 2)<id> user ID, max 8 digits ASCII,
- 3)<name\_u> user name, maximum 20 signs ASCII.

Example line for user with index 1:

1;1;Adam

### 3. Inserting file to *Scale database*

After creating file with database saved in .csv extension with semicolons (MS DOS) connect scale to computer (proper cable) and launch *Scale database* software.

Press *Connection* icon, choose communication type (COM port or Ethernet), subsequently confirm and press *Connect* in order to communicate with scale.

If the user wants to insert products database he marks *product database* under the *database kind* sign and if user wants to insert users database he marks *user database*.

User chooses *File*, then *Open* and finds the database file on computer drive.

After choosing the file and confirmation press *Send database*.

Sending can last few minutes.

#### **Attention:**

In case of BD/TL(Y) counting scales, product record is different:

```
<m>;<id>;<apw>;<sample>;<ptare>;<thr_min>;<thr_max>;<thr_zer>
```

where:

- 1)<m> product number in memory M (1-1000), max 8 digits ASCII,
- 2)<id> product ID (barcode), max 16 digits ASCII,
- 3)<apw> unitary weight, max 8 signs, no unit,
- 4)<sample> sample quantity, max 8 signs, no unit,
- 5)<ptare> housing weight, max 8 signs, no unit,
- 6)<thr\_min> lower threshold, max 8 signs, no unit,
- 7)<thr\_max> upper threshold, max 8 signs, no unit.
- 8)<thr\_zer> zero threshold, max 8 signs, no unit.

Sample product line M01:

```
1;1234567891002;10.6;10;0;100;200,1
```