REA VERIFIER

REA Product Database 32

Database-software expansion for the REA Verifier

REA Product Database 32

The REA Product Database 32 adds an additional feature to a REA verification device – a database query function

Product numbers that are read are translated into a plain text description. This function allows an increased control of the codes to verify that the correct codes are on the packaging material and confirms that the date information (e. g. best-before date) matches the print and product number.

Basic Functions

The best-before date of the product can be displayed and verified. Up to five different date information for each product can be individually stored in the database. Product variations with identical EAN numbers can be differentiated by a version attribute (identical product from different suppliers, very similar products). Coupons from customer loyalty programs without barcodes can be included with a visual inspection in quality control.

Create Database

The information for the database can be adopted per exporting/importing from an existing database. The database can be created from scratch by using the scanning function of the REA Verifier device to add codes into the database.

The REA Product Database 32 as a function of the equipment

All information that the database delivers become a part of the existing REA test reports. The portable REA testing equipment can integrate the database and at the same time work independently from the PC. The database function can be included in the ISO/IEC 15416 analysis as an additional evaluation parameter. Products that are not found lead to a failed result. Incorrectly coded date information also lead to a failed result.
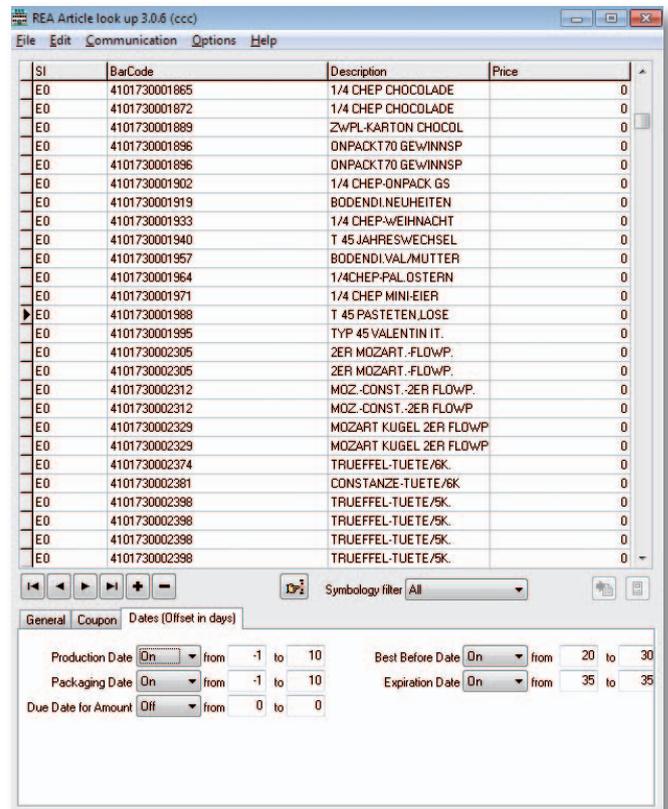

Image of an product database file with EAN codes which include information regarding date characteristics and price

Features:

- One-step testing of the code quality, together with an examination of extended code contents is possible
- Expanded code analysis for examination of content, abbreviations, prices, expiration dates, coupon characteristics, etc.
- The fully portable devices REA ScanCheck3 and Check ER allow to use the REA Product Database 32 function independent from a PC connection
- The verification report incorporates the data from the database individually for each product
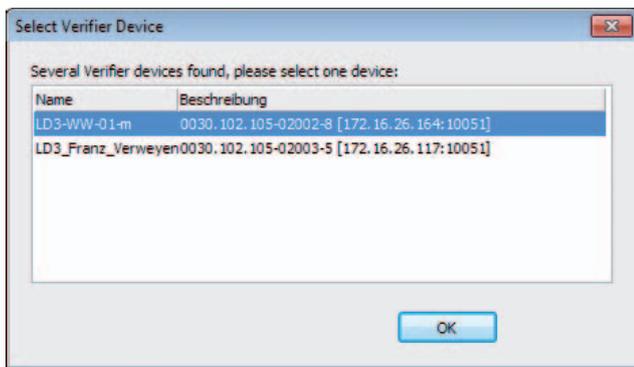

Fig. ADB-PC program linked with the Verifier

Fig. On-screen image of the ADB analysis on the SC3
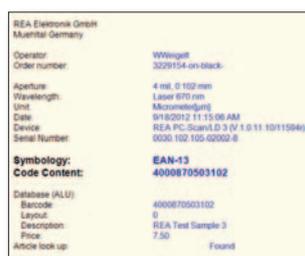
Fig. Database display in TransWin 32 program

Technical Data:

Software REA Product Database 32:
- Software option for REA Verifier devices: REA PC-Scan/LD3, REA ScanCheck 3, REA MLV-2D, CheckER
- Database result incorporation in verification reports (e. g. REA TransWin32 software)
- Pass result if an product exists in the database and fail if not
- Functionality related to bar code type (e. g. product number only or extended codes)

PC Hardware Requirements:

- CPU: 1.5 GHz clock rate, 1 GB RAM main memory
- Hard disc memory: min. 10 GB with a minimum of 30 MB free memory
- Display: 1 colour display with a minimum of 1280 x 1024 pixels
- Colour graphic-card: according to the requirements of the connected display
- Removable drive: 1 CD-ROM or DVD drive
- Interface: 1 free LAN or network interface

Requirements for operation:

- PC with Windows Operating system (2000 and later)
- Available Network interface for PC's which are not running in a network
- PC integrated in a network and REA Verifier connected to the same network
- REA Verifier device

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