

Memory Card Drive from TOELLNER®

TOE 9030



The new **TOE 9030** memory card drive is a powerful instrument for easy programming of curve characteristics for the Toellner **TOE 8805** to **TOE 8865** arbitrary power supplies.

Simple Windows graphical user interface

By means of the easy-to-use Windows program "MCC" (memory card controller), it is possible in the **TOE 9030** memory card drive to program SRAM memory cards according to the Jeida standard 4.0 (PCMCIA cards) with a capacity from 64 Kbyte to 2 Mbyte in line with the **TOE 88x5** format.

The memory cards can be subsequently inserted into the Toellner **TOE 8805** to **TOE 8865** arbitrary power supplies to import the data. The data on the memory cards are managed according to the special **TOE 88x5** format. This format saves 1000 sequence points in a 16-kbyte page with the data for voltage, current and time, i.e. a 64-kbyte memory card has the capacity for 4 pages, up to the 2-Mbyte card with the capacity for 128 pages.

Management of curve data in PC

It is additionally possible with the **TOE 9030** memory card drive to save the complete data contents of each page as a file on the PC, and to download these data. This greatly simplifies the management and archiving of sequence data.

The Windows program "MCC" for use of the **TOE 9030** memory card drive manages the sequence data for voltage, current and time in the form of a table with 1000 points. The values in the table can be completely or partially written into a page on the memory card, or downloaded from a page. A comment box is available for each point in the table in order to provide explanations for the values if necessary.

When entering values in the table, the maximum permissible limits for voltage and current are taken into account according to the type of power supply and the rated voltage.

The permissible range for the time is from 200 μ s to 100 s with a resolution of 100 μ s. A permanent stop at one turning point is also possible. In addition to the direct input of table values, it is also possible to linearly interpolate table ranges using the "Connect" function. The data for a page are completed by entering the arbitrary parameters such as the start address, stop address, number of bursts and the type of power supply (because of the permissible limits for voltage and current).

Graphic display of waveforms

By clicking the menu item "Diagram" you can display the table values of the voltage and current as an x/y graphic.

Data exchange between the Windows program "MCC" and the **TOE 9030** memory card drive is via an RS232 interface of the PC. The baud rate can be selected in the program between 1200 and 38400 baud. When establishing the connection, the **TOE 9030** memory card drive is then automatically adjusted to the baud rate set on the PC. The XON/XOFF software protocol is used. The status box of "MCC" also indicates whether the **TOE 9030** memory card drive is online and whether a memory card is inserted.

Data exchange with Microsoft Excel

A further feature worth mentioning is the simple data exchange with the Microsoft Excel spreadsheet program (Excel 97 and later) via the Windows clipboard. The ranges marked in the respective program can be copied and subsequently pasted in other programs at the desired position.

Ordering data:

Memory card drive TOE 9030

Supplied parts

- 1 off TOE 9030 memory card drive
- 1 off Plug-type power supply unit
Primary 230 V AC (115 V AC)
Secondary 8 V DC/250 mA
- 1 off RS232 cable
- 2 off 3½" installation diskettes

System requirements

- ❖ PC with 133 MHz Pentium processor or better
- ❖ Operating system: Microsoft Windows 95, Windows 98, Windows NT with Service Pack 4 or later
- ❖ Memory capacity required 1 Mbyte
- ❖ 3½" diskette drive
- ❖ Super VGA 800 x 600