

"BALINT" THE INTERFACE TO WINDOWS

The program **BALINT** allows you to acquire data from a *Precisa balance* via the serial interface RS232 by a PC running under Windows and to pass on this data directly or indirectly into another application.

BALINT V3.00 - c:\balint\samples.dat

Time	Weight	Unit
14:00:00	0.0000	g
14:02:02	4.5678	g
14:04:04	16.3875	g
14:06:06	36.7859	g
14:08:08	42.2137	g
14:10:10	56.6756	g
14:12:12	63.2706	g
14:14:14	63.4556	g
14:16:16	47.6532	g
14:18:18	42.4563	g
14:20:20	24.2342	g
14:22:22	20.7153	g
14:24:24	18.5432	g
14:26:26	14.3456	g
14:28:28	12.9784	g
14:30:30	2.8935	g
14:32:32	0.0000	g

Received :
Control : COM2,9600,7,Even,1,No Command : P0

Microsoft Excel - SAMPLES.XLS

Time	Weight	Unit
14:00:00	0.0000	g
14:02:02	4.5678	g
14:04:04	16.3875	g
14:06:06	36.7859	g
14:08:08	42.2137	g
14:10:10	56.6756	g
14:12:12	63.2706	g
14:14:14	63.4556	g
14:16:16	47.6532	g
14:18:18	42.4563	g
14:20:20	24.2342	g
14:22:22	20.7153	g
14:24:24	18.5432	g
14:26:26	14.3456	g
14:28:28	12.9784	g
14:30:30	2.8935	g
14:32:32	0.0000	g

General

All data collected from the balance will be written into the edit window of BALINT. The tabulator character serves as a separator between certain data segments (time, sign, value etc.). Thanks to the tab the data can be easily integrated into various spreadsheet programs. Furthermore the edit window allows you to add some text to the data.

The content of the edit window can be stored as a text file and as such be integrated into other applications. Of course the clipboard of Windows could serve as the text file as well.

Working in the background

BALINT is able to acquire data in the background while you are working in other Windows applications. The file size is limited to ca. 25000 Bytes, that means, depending on the data format, ca. 1200 weight values.

Joining with other applications

By using the Link-Function the collected data can be passed on directly to other applications. For this purpose the data can be additionally formatted, if necessary.

Normally your application will probably run in the foreground and the cursor therefore has to be located at the position where you wish to put the data. Yet there are some applications (e.g. Word) which are capable of collecting the data correctly even in the background.

Registration

There is no registration necessary.

Data request

The data request can be adapted in accordance with your needs.

The screenshot shows the 'Configuration Datarequest' dialog box. It is divided into two main sections: 'Request' and 'Command'. The 'Request' section has four radio button options: 'Timer' (selected), 'HotKey', 'Continue', and 'Loadchange'. The 'Timer' option is further configured with 'Hrs : 0', 'Mins : 0', and 'Secs : 2'. The 'HotKey' option is set to '[F12]' with an 'Edit' button. The 'Continue' option is set to '[Fld time of balance]'. The 'Loadchange' option is set to '[after each loadchange]'. The 'Command' section has three radio button options: 'Any' (selected), 'Stable', and 'User'. Below these is a 'Usercommand' text field. At the bottom are 'OK', 'Cancel', and 'FCT' buttons.

Timercontrolled

By depressing a key
Key selection is free

In accordance with the signalling
result of the balance

After every load change on the
balance

Any request command for the
balance freely adjustable

Configuration Datarequest

Request

Timer Hrs : 0 Mins : 0 Secs : 2

HotKey [F12] **Edit**

Continue [Fld time of balance]

Loadchange [after each loadchange]

Command

Any **Stable** **User**

Usercommand : _____

OK **Cancel** **FCT**

Link-Format

In the edit window certain data segments (time, sign, value etc.) are separated automatically by a tabulator. Macros are added to the linked data which will be passed on to another application. The macros can be defined via the Edit switch by using the KeyEditor.

Configuration Format

Macro 1 [] Edit

Time HH:MM:SS HH.MM.SS

Macro 2 [Tab] Edit

ID

Macro 3 [Tab] Edit

Sign

Macro 4 [Tab] Edit

Value decimal point decimal comma

Macro 5 [Tab] Edit

Unit

CR

Macro 6 [Left][Left][Left] Edit

OK

Cancel

Predefined

TAB-TEXT

EXCEL

The predefined formats TAB-TEXT and EXCEL are suitable for standard-application like WORD or EXCEL.

Storing the configuration

The current settings for the program like data-request, link-format etc. can be stored.

Helps

The program has full help with hyper texts. You are also free to read the help in french or german.

Parts for BALINT

To connect a balance with a computer with the program BALINT you need a cable RS232 C <-> PC. The order number can be found in the operating instructions of the balance.