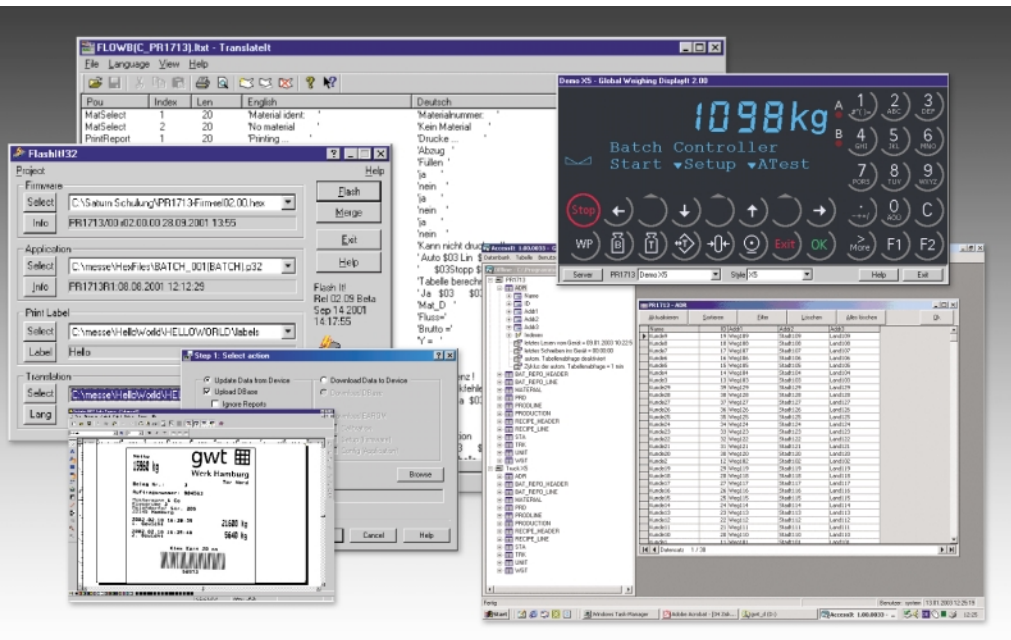




sartorius

PowerTools



- The complete package of programs for controllers of the X-Family
- User friendly programs for easy adaptation to individual requirements
- Easy installation and operation
- MS Windows user interface
- Windows NT, 2000 and XP compatible

Powerful function packages

The PowerTools are a collection of powerful programs to speed-up commissioning. The tools are of great help in getting the most out of your controllers of the X-Family and simplify adaptation to individual customer requirements without the need for extensive programming. Our experienced specialists have developed a large number of practical features which facilitate the operation on site considerably:

FlashIt permits software updating at any time: the process functionality is always state-of-the-art.

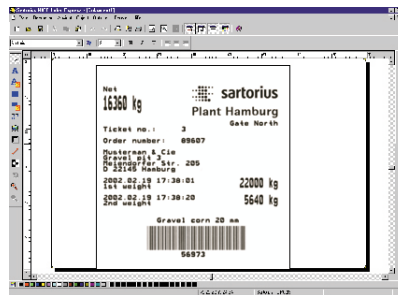
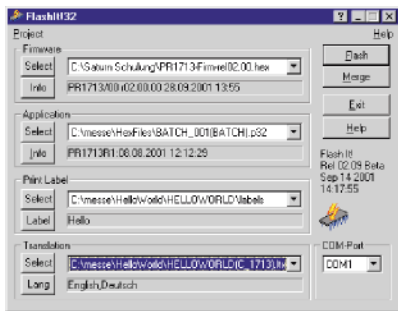
DisplayIt offers the possibility of displaying the system weighing controller on any Windows PC.

LayoutIt is the X-Family driver for the Sartorius "Nice Label Express" to create easily reports and labels.

Translatelt allows the easy translation of the operation language.

RecoverIt is a smart tool to backup and restore all data and parameters from the instrument.

AccessIt is a tool to upload, edit all tables in the controller and downloaded back into the controller.



FlashIt

The program FlashIt downloads/ flashes new versions of BIOS, Firmware, application software, labels or different languages into a controller- without the need to exchange hardware like EPROMs.

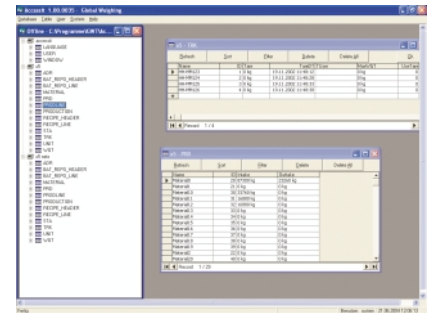
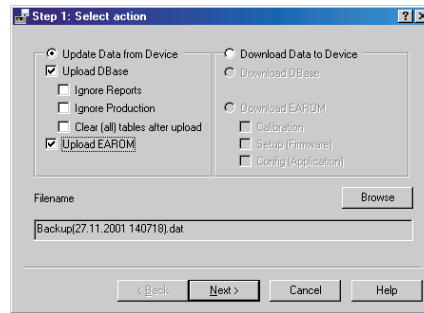
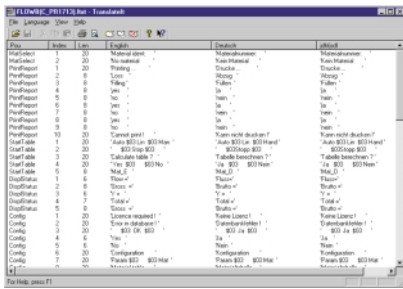
The program offers the choice of downloading firmware, application software, labels/reports and language tables by simply selecting the required files. The program automatically establishes connection to the controller via serial line. A comprehensive help function provides assistance in working with the program.

LayoutIt

The program LayoutIt updates the existing Sartorius Nice Label Express program for use with the controllers of the X-Family and printers. With the installation print layouts can be edited and standard Sartorius printer can be used. Additional to the change of labels and tickets, also complete reports in A4-format can be edited, such as standard batchreports. If the application requires a printout, a standard layout is defined and can be edited. Logos, variables, barcodes can be added to the layout without any programming. A full version of the Sartorius Nice Label Express program is required. The printout data will be downloaded to the controller by means of the program "FlashIt".

DisplayIt

The program mirrors the instrument on the screen of a PC. The complete instrument can be operated via mouse or PC keyboard. Communication can be done via DDE Server or OPC Server which is delivered with the program. The use of the OPC Server is recommended. DisplayIt can also be used via a PC network (Ethernet). Up to 16 controllers can be connected simultaneously from any PC in the network where the program is installed. A comprehensive help function provides assistance in working with the program.



TranslateIt

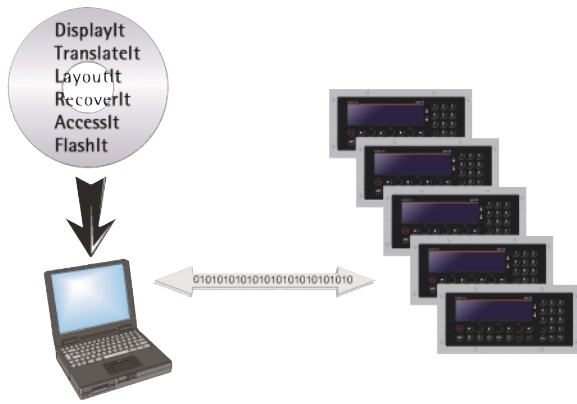
TranslateIt is a utility to add further languages to any application software running on the Controller. It is particularly easy to use by simple language tables. New language tables can be created from scratch or by simply copying and modifying an existing one. TranslateIt shows a list of all terms in a spreadsheet-like table. By adding a new column a new language can be filled in. With the program "FlashIt" the new language can be downloaded into the controller. English will always be downloaded as a second. This ensures that in case of faulty translation or only English speaking service personnel operation of the instrument is always possible. The operator interface is according to MS Windows standards.

RecoverIt

RecoverIt is a tool for backup and restore of all tables from a controller including tables created by the user, configuration data and reports. This program will be used to make a backup before changing firmware or just for saving data. In case of lost data from the device, it takes minutes to download data and get started again. Via communication by RS 232 data will be uploaded to the PC and saved. Reconfiguration is no longer necessary. Furthermore it is possible to duplicate one controller in minutes, for systems with multiple units with the same configuration. It is possible to choose between a complete backup of data or just parts of it. After defining a name for the file and checking the communication settings, the upload starts. The backup file is a binary file and must not be edited by any tool.

AccessIt

With this tool all tables in the controller can be uploaded, edited and downloaded back into the controller. It is also possible to create new ones. The tables will be saved in a database that can be opened with the MS Access program. With this option reports and different analyses can be easily done. Data can be uploaded and downloaded via serial communication or Ethernet TCP/IP. Additionally to the AccessIt the OPC server is required, which is also on the CD. With the license PR 1792/20 all functions are available.



System requirements

Windows NT or Windows 2000, XP
Internet Explorer 5.5 or higher

Computer

Intel-based Systems, Pentium or faster.

RAM memory

16 MB minimum required. The more memory the more speed.

Hard disc

20 MB required

Scope of supply

one CD-ROM

To use with following Controllers

PRO-Controller

A Weighing Controller for process automation

BATCH-Controller

The BATCH-Controller is a weighing controller with internal recipe handling to allow automation of batching, manual additions and production steps.

BULK-Controller

The BULK-Controller is a weighing controller for a circuit scale.

FILL-Controller

The FILL-Controller is a weighing controller for filling of liquids into containers.

FLOW-Controller

The FLOW-Controller is a flexible control unit for the direct control of continuous discharge processes from weigh-hoppers.

IBC-Controller

The IBC-Controller is a flexible control unit for the direct control of automatic charge and discharge processes for IBCs (Intermediate Bulk Containers) with powders or granulated material.

LOG-Controller

The LOG-Controller is a universal weighing controller for weight indication and storage control.

TRUCK-Controller

The TRUCK-Controller is a weighing controller for weighbridge applications.

PR 1713

Free programmable System Weighing Controller.

Order information

Type	Description	Order numbers
PR 8001/01	X5-Power Tools	9405 380 01011
PR 1792/20	AccessIt Licence	9405 317 92201

Type	Description of the controllers of the X-Family	Type	Description of the controllers of the X-Family	Type	Description of the controllers of the X-Family
PR 5510/00	PRO-X4	PR 5610/00	PRO-X5	PR 5710/00	PRO-X6
PR 5510/20	BATCH-X4	PR 5610/10	TRUCK-X5	PR 5710/10	TRUCK-X6
PR 5510/30	IBC-X4	PR 5610/20	BATCH-X5	PR 5710/20	BATCH-X6
PR 5510/40	FLOW-X4	PR 5610/30	IBC-X5	PR 5710/30	IBC-X6
PR 5510/50	FILL-X4	PR 5610/40	FLOW-X5	PR 5710/40	FLOW-X6
PR 5510/90	PHASE-X4	PR 5610/50	FILL-X5	PR 5710/50	FILL-X6
		PR 5610/70	BULK-X5	PR 5710/70	BULK-X6
PR 1713/00	PR1713	PR 5610/80	LOG-X5	PR 5710/80	LOG-X6
		PR 5610/90	PHASE-X5	PR 5710/90	PHASE-X6