

Compass Data Management Software



Compass software for fast, reliable registration and tracking of samples according to GLP routines, including trouble free connection of all peripherals such as balance, printer and PC regardless of manufacturer. The perfect partner to your new Kjeltec™ 8400.

Features

- Sample registration including identification
- Instrument(s) controlled from PC
- Follow GLP routines
- Print Reports
- Export Data e.g. to Word, Excel, Acrobat
- LIMS Import/Export
- Networkable, view results at several stations
- Simple connection to peripheral units

Description:

The Kjeltec™ 8400 Analyser can be operated via two different software systems. One is via the embedded software that controls the analysis and contains all necessary functions to operate the system on a daily basis, directly from the instrument.

The other is an optional system, Compass (Composition Analysis Software System), a PC application. This software manages the Kjeltec 8400 analyser, and sampler system if present, providing fast, reli-

able registration and tracking of samples according to GLP routines, including trouble free connection of all peripherals such as balances, printers and PC regardless of manufacturer.

Compass (license key required) provides two-way communication with the Analyser through Ethernet on user command. This communication also facilitates connection to various proprietary or custom made LIMS (Laboratory Information Management System) packages.

Compass – A full version of Compass including all functionalities with “two-way” communication i.e. besides sample registration, all results and data performed during analysis will automatically be sent to and stored in the PC/ SQL data base. Compass requires a license key which is connected to a specific Kjeltec Analyser unit

Compass Light – A limited version of Compass for “one-way” communication, supplied as standard with Kjeltec 8400 Analyser units. Provides easy sample registration and sample weight transfer.

Order number:

- 60031632 Compass Light (One way communication supplied as standard with every Kjeltec™ 8400)
- 60037529 Compass (Two way communication, License key required)

PC system requirements:

Note that the below stated requirements are only for the Compass Application/Database and that requirements for the users operating system might be higher.

Compass Application

- Windows® 2000 Service Pack 4/Windows® Server 2003 Service Pack 1/Windows® XP Service Pack 2/Windows® Vista with SP 1
- Pentium III 600 MHz or better (1 GHz recommended)
- 192 MB RAM (512 MB recommended)
- 1025 MB available space on hard drive
- One Ethernet port for communication with the Analyzer

Compass Database

- Windows® 2000 Service Pack 4/Windows® Server 2003 Service Pack 1/Windows® XP Service Pack 2/Windows® Vista with SP 1
- .NET Framework 2.0¹⁾
- Microsoft SQL Server 2005 Express
- Pentium III 600 MHz or better (1 GHz recommended)
- 192 MB RAM (512 MB recommended)
- 1025 MB available space on hard drive
- One Ethernet port for communication with Compass Application

¹⁾Can be downloaded from Microsoft® website. .NET Framework 2.0 should be installed before Microsoft® SQL Server 2005 Express

Balance communication:

The PC should be connected to the balance via a serial cable (RS-232) according to the balance vendor's specification for PC communication (not included).

Listed commands for the following balance models are supported:

Sartorius A120S, A200S, A210P Models

GetWeight: ESC P CR LF
GetStableWeight: ESC P CR LF

Sartorius CP, GC and GP Models

GetWeight: ESC P CR LF
GetStableWeight: ESC P CR LF

Mettler Toledo Excellence Plus XP Models (XP105DR, XP205, XP205DR, XP204, XP504, XP504DR)

GetWeight: SI CR LF
GetStableWeight: S CR LF

Precisa XR-XT-XB-BJ EP-ES 360 and 320 XB Models

Get Weight: P0{CR}{LF}
Get Stable weight: P1{CR}{LF}

LIMS communication

Export of result data to files in format *.txt, *.xml or *.csv for reading by LIMS

Import of sample data in file format *.xml created by LIMS

Required cables, not supplied in Compass package:

- Serial cable – (RS-232) connection to balance according to specification from balance vendor
- Ethernet cable (straight) – Installation in network
- Ethernet cable (cross-over) – Connection PC (or printer) to Kjeltec 8400 Analyzer unit

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