EASYSIEVE / EASYSIEVE CFR EVALUATION SOFTWARE

The sieve software EasySieve exceeds manual evaluation in many aspects, due to the fact that it automatically controls the necessary measurement and weighing procedures – from the registration of the weight of the sieve up to the evaluation of the data. It is more simple and more comfortable to use than ever before, and, to put it simple, "easy".

The new EasySieve CFR version offers compliance with FDA 21 CFR Part 11.

Click to view video

| automatic registration, evaluation and administration of measurement data
| logical design, self-explanatory
| measurement protocol in accordance with standards
| complex transformation into charts and tables
| data link of different measurement instruments
| automatic detection and configuration of common analytical scales
| comprehensive data export
| EasySieve CFR: integrated AuditTrail for consistent documentation of every working step of the sieving process

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APPLICATION EXAMPLES

cement clinker, chemicals, coffee, construction materials, fertilizers, fillers, flours, grains, metals powders, minerals, nuts, plastics, sand, seeds, soils, washing powder, ...

FUNCTIONAL PRINCIPLE

Parameter entry
All available parameters (such as sieve stack configuration, dead weight of the sieve, sieve shaker settings) as well as the characteristics, which may have to be calculated, can be entered by clicking with the mouse in the corresponding fields of the software.

Sieve analysis
The software accepts automatic and manual data entries from both scale and sieve system. All RETSCH sieve shakers of the series "control" can be automatically controlled with EasySieve®. After the sieve analysis is completed, the loaded sieves are reweighed. By determining the weight difference, the program automatically detects the mass proportions and assigns them accordingly to the corresponding fractions.

Evaluation
The EasySieve software calculates all common particle distributions as well as the characteristic values of the particle size, thus making it possible to present the results in standard presentation forms, such as tables and charts. Cumulative throughput or residual values, distribution density and histograms can be included in the standard particle size distributions.

Data export
All measured data can be printed, saved and exported as tables and charts. Automatic transfer into the LIMS system is possible.

System Requirements Easy Sieve

Component	Minimum requirements
Operating system	Windows 10 (64bit)
Processor	Intel Core i5

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Component	Minimum requirements
Random access memory (RAM)	4 GB
Required hard drive space	50 MB
Recommended hard drive space	100 GB
USB interface	2 (2.0 or higher, one each for the software stick and the sieve shaker)
RS232 or USB interface	1 (for the optional connection of a scale)
Network connection	recommended for automatic backups
Internet connection	recommended for remote support

System Requirements Easy Sieve CFR

Component	Minimum requirements
Operating system	Windows 10 (64bit)
Processor	Intel Core i5
Random access memory (RAM)	8 GB
Required hard drive space	50 MB
Recommended hard drive space	250 GB
USB interface	2 (2.0 or higher, one each for the software stick and the sieve shaker)
RS232 or USB interface	1 (for the optional connection of a scale)
Network connection	recommended for automatic backups
Internet connection	recommended for remote support

www.retsch.com/easysieve

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ORDER DATA

EASYSIEVE® EVALUATION SOFTWARE

32.645.0031		EasySieve, for Windows®, English/German, Single-user-licence, incl. adapter RS232-USB
32.645.0032		EasySieve CFR, incl. AuditTrail Manager, for Windows®, English/German, Single-user-licence, incl. adapter RS232-USB
03.025.0042		Adapter RS232-USB
99.200.0039		IQ/OQ Documentation for EasySieve CFR

BALANCES

32.900.0005	Balance up to 4.1 kg for test sieves up to 200/203 mm Ø
32.900.0004	Balance up to 32.1 kg for test sieves up to 300 mm Ø

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