

EasySieve / EasySieve CFR Evaluation Software

General Information

EasySieve, the software for particle size analyses, exceeds manual evaluation in many aspects, due to the fact that the software is able to automatically control 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 simply, "easy".

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

Application Examples

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

Product Advantages

- 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
- EasySieve CFR: all data is stored in encrypted form in data bases
- EasySieve CFR: AuditTrail Manager provides four different user levels: from administrator to standard user

Features

Applications

particle size determination

Field of application

agriculture, biology, chemistry /
plastics, construction materials,
engineering / electronics,
environment / recycling, food,
geology / metallurgy, glass /
ceramics, medicine /
pharmaceuticals



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Videolink



<http://www.retsch.com/easysieve>

Function 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. **Sieve analysis** The program 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 XP (32bit) Windows 7/8 (32bit / 64bit) Windows 10 (32bit / 64bit) Processor Intel Core i5 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 7 (64bit) 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

incl. order data

EasySieve® Evaluation Software

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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

Balances

32.900.0001	Balance XS4002S (up to 4.1 kg) for test sieves up to 200/203 mm Ø
32.900.0003	Balance XS32000L (up to 32.1 kg) for test sieves up to 300 mm Ø