



CINDEREL-lab

PROFESSIONAL SCREENING MACHINE FOR SOIL SAMPLES





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The CINDEREL-lab soil screener is widely used for breaking up, sieving and separating dry, lumpy and agglomerated soil samples in a single step process. Coarse, hard and oversize elements in the soil sample are separated effectively through the flexible rollers, running across a special sieve insert with conically manufactured sieve holes.

Soil samples are fed through a funnel into the working cylinder and slowly overrun by a roller. The working slit size may be varied by lifting and lowering the hand gear for adjustment of the system to the soil properties from loamy to sandy. Soil samples are steadily de-lumped and sieved, not pulverized. The de-lumped product (special screen size $\varnothing 2$ mm) is transported through a funnel into a sample bin. The soil sample in the bin is ready for analysis and can be removed. All separated remnants as stones, wood, roots, foreign bodies etc are to be removed by loosening the screen ring and swinging it out. All separated objects are collected in a box underneath the outlet.

The screening machine including the motor is mounted on a robust, stable working table. The integrated vacuum cleaner is de-dusting the whole process. The machine is ergonomically operated from the front side for efficient laboratory use.

SPECIFICATIONS

- Performance: ~ 30 samples/h
- Power: 1,8kW; 1~230V; 50Hz
- Integrated de-dusting
- Filter incl. filter cleaning suitable for dust class H according EN 60335-2-69 Annex AA
- Dimensions (Length x Width x Height): 1160x860x1180 mm

INSTALLATION

The screening machine is delivered ready for use.



FULL SERVICE

Optimize the operational performance of your screening machine with our dedicated maintenance services. We warrant short term availability of original spare parts throughout the life time of your unit.

Milling trials
& Analysis

Project planning
& Engineering

Manufacturing
& Installation

Training
& Commissioning

Maintenance
& Service