Competence creates Confidence.

iPT

● Model no. H3001

LABORATORY SIEVING MACHINE

The digital laboratory sieving machine allows you to easily and accurately determine the fineness and particle size distribution of all dust-like, powdery or granular products.

ISO 565

ISO 2395

ISO 3310

DIN 66165

ASTM D 1921

ASTM E 11

The digital sieving machine allows you to easily and precisely determine the fineness and grain size distribution of all powder or granular-like products. The material to be sieved is moved in a 3-dimensional circular motion in the 8 sieves and sieved according to the relevant test specifications with respect to the vibration level, time and interval. The results are fully reproducible for dry sieving. Operation

is simple and convenient. The sieving machine can be controlled using the of the optional testing software and the result then evaluated automatically. This PC-based evaluation of the grain size analysis characterises each control of inspection, measuring and test equipment in accordance with ISO 9000.

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Standard features

- Freely adjustable sieving parameters (time, amplitude, interval)
- Adjusting sieve bottom acceleration for globally comparable and reproducible sieving
- CE conformity

Options

- Further mesh sizes
- Control with optional software via RS232 serial interface, simple evaluation and documentation of the results

Version LABORATORY SIEVING MACHINE

		H3001-0009
Diameter of the sieves	mm	200
Sieve height	25	25
Mesh size 0.063	mm	√
Mesh size 0.100	mm	√
Mesh size 0.160	mm	√
Mesh size 0.200	mm	√
Mesh size 0.250	mm	√
Mesh size 0.280	mm	√
Mesh size 0.315	mm	√
Mesh size 0.355	mm	√
Collecting base tray Ø 200	mm	√
Lid		√
Time display	min	1 - 99
Interval setting	s	10
Frequency control		Up to 3000 vibrations/min
Permissible ambient temperature	°C	+5 to +30
Permissible relative humidity	%	Max. 70 Non-condensing
Width x depth x height	mm	400 x 350 x 680
Weight	kg	30
Voltage data		100 V 60 Hz; 230 V 50/60 Hz Special voltage on request