

Vibratory Sieve Shakers ANALYSETTE 3, (2 Models), FRITSCH

For quantitative particle size analysis of dry samples and suspensions of all kind by dry and wet sieving with woven test sieves or micro precision sieves, convertible to micro mill.

Typical fields of application:

for production control in the areas where quality is important, for integration into test equipment inspection in accordance with ISO 9001:2000, for research and development.

Method of operation:

The ANALYSETTE 3 is a „shaking sieve“ system in the classic sense, with an electromagnetic drive in the base that vibrates the sieves vertically.

Features at a glance:

PRO + SPARTAN models

- precise digital timer
- optical display of the amplitude
- sieve tensioning system TorqueMaster for automatic and reproducible bracing of the sieve tower on the sieve machine. This enables calibration of the sieve tensioning in accordance of a monitoring of inspection equipment according to ISO 9001:2000 (optional)
- quick conversion to vibratory micro mill PULVERISETTE 0
- AUTOSIEB for windows for automatic sieve evaluation (included in the price)
- tested safety (CE mark)
- 2-year guarantee

EXTRAS with the PRO model

- absolutely reproducible sieving results independent of the weight of the sieve stack due to the digital display of the amplitude adjustment and regulation: AMPCONTROL
- sieve machine can be calibrated as inspection equipment
- up to 9 programs which can be saved and recalled
- Power-Save function
- RS232 interface
- interval and permanent operation
- micro and micro-interval operation for micro sieving

Technical data:

Equipment:	Model PRO and SPARTAN for dry and wet sieving, convertible to micro mill. Micro precision sieving only possible with PRO
Measurement:	dry or wet
Sieve diameter:	100, 200 mm or 8"
Sieve qty max.:	10 x 50 mm or 16 x 25 mm height
Sieve type:	Woven metallic sieves or micro precision sieves
Measuring range:	Dry sieving 32 µm – 63 mm Wet sieving 20 µm – 10 mm Micro precision sieving 5 µm – 100 µm
Sample qty:	Dry sieving up to 1 kg Wet sieving 20 – 100 g Micro precision sieving 0.2 – 0.5 g
Sieving time:	Dry sieving 3 – 20 min Wet sieving 3 – 10 min Micro precision sieving 30 – 60 min
Dimensions (W x D x H):	37 x 40 x 20 cm
Weight net:	21 kg
Voltage:	100 – 240 V/1~, 50 – 60 Hz

Article	Order No.
① Vibratory sieve shaker ANALYSETTE 3 PRO	54 98 03702

Article	Order No.
Vibratory sieve shaker ANALYSETTE 3 SPARTAN	54 98 03802

Both models with control and evaluation programme AUTOSIEB for Windows, but without clamping lid, sieves and sieve pan. Please order clamping lid and sieve pan from the list below, because otherwise devices will not be ready for operation.

Test sieves for ANALYSETTE 3 PRO + SPARTAN as well as micro-precision sieves for ANALYSETTE 3 PRO on request.



Accessories for Vibratory Sieve Shakers PRO + SPARTAN

Accessories for dry sieving

Article	Order No.
② Sieve clamp TorqueMaster (incl. sieve clamp lid and power tools)	54 98 31210
Sieve clamping lid made of plexiglas For test sieves 200 mm/8" Ø	54 98 31202
Sieve clamping lid (without window) For all test sieves up to 200 mm/8" Ø	54 98 31205
Sieve pan Stainless steel, 200 mm Ø, 50 mm height	54 98 31130
Sieve pan Stainless steel, 8" Ø, 2" height	54 98 31132

Further accessories for vibratory sieve shaker ANALYSETTE 3:

- for wet sieving, like clamping lid Plexiglas with 3 nozzles, sieve pan, stainless steel with outlet, interposed sieving ring with 3 nozzles for test sieves 200 mm/8" dia.
- for use in the vibratory sieve shaker ANALYSETTE 3 PRO for micro precision sieving
- for use of the vibratory sieve shaker ANALYSETTE 3 as micro mill

