

Variable Speed Rotor Mill PULVERISETTE 14 *premium line*, FRITSCH

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The NEW Variable Speed Rotor Mill PULVERISETTE 14 *premium line* offers impact, shearing and cutting comminution in one instrument and is ideal for particularly fast size-reduction with up to 22,000 rpm of soft to medium-hard, brittle as well as fibrous materials and temperature-sensitive samples in the areas of analytic, biology, chemistry, agriculture and forestry, food, plastics and textiles, pharmaceuticals, environment/RoHS, geology and mineralogy, mining and metallurgy and ceramics. The Variable Speed Rotor Mill is an Ultra Centrifugal Mill with an extremely fast sample throughput of up to 15 litres and more per hour, with significantly better cooling, absolutely safe operation due to AutoLOCK grinding chamber and Intelligence-Safety-Control-System and can be turned into a Cutting Mill with just a few simple motions.

Technical data:

Max. feed size:	15 mm
Sample throughput:	of up to 15 l/h and more
Sieve rings:	0.08 – 6 mm
Final fineness (d50):	< 40 µm
Rotor speed:	6,000 – 22,000 rpm
Supply requirements:	200–240 V/1~, 50–60 Hz, 2500 Watt
Dimensions (WxDxH):	55 x 52 x 63 cm
Weight net:	40 kg



Article	Order No.
① Variable Speed Rotor Mill PULVERISETTE 14 <i>premium line</i>	10 98 04020

Instrument also available in other voltages.

Impact rotor and sieve ring must be ordered additionally.

FRITSCH also offers a favourable *classic line*-version of the Variable Speed Rotor Mill PULVERISETTE 14 with up to 20,000 rpm, a max. feed size up to 10 mm and a throughput of up to 5 l/h. Ask us.

② Impact rotors and sieve rings made of stainless steel for Variable Speed Rotor Mill PULVERISETTE 14 *premium line*

Article	Order No.
Impact rotor with 6 ribs and cooling fins	10 98 04330
Impact rotor with 12 ribs and cooling fins	10 98 04334
Impact rotor with 24 ribs and cooling fins	10 98 04337
Sieve ring 0.08 mm trapezoidal perforation with reinforced edges	10 98 04341
Sieve ring 0.12 mm trapezoidal perforation with reinforced edges	10 98 04342
Sieve ring 0.2 mm trapezoidal perforation with reinforced edges	10 98 04343
Sieve ring 0.5 mm trapezoidal perforation with reinforced edges	10 98 04344
Sieve ring 0.75 mm trapezoidal perforation with reinforced edges	10 98 04345
Sieve ring 1 mm trapezoidal perforation with reinforced edges	10 98 04346
Sieve ring 1.5 mm trapezoidal perforation with reinforced edges	10 98 04347
Sieve ring 2 mm trapezoidal perforation with reinforced edges	10 98 04348
Sieve ring 1 mm round perforation with reinforced edges	10 98 04360
Sieve ring 2 mm round perforation with reinforced edges	10 98 04361
Sieve ring 4 mm round perforation with reinforced edges	10 98 04362
Sieve ring 6 mm round perforation with reinforced edges	10 98 04363
Vibratory Feeder LABORETTE 24 for continuous feeding	10 98 04420

Rotors and sieve rings are also available in others designs and materials.

An extensive accessory programme for heavy-metal- and iron-free grinding, for sample preparation according to RoHS, for grinding difficult-to-mill and temperature-sensitive samples, for sample exhaustion with Cyclone separators as well as for the use of the Variable Speed Rotor Mill as Cutting Mill and much more is available for your specific application. Ask us.

