

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

Variable Speed Rotor Mill PULVERISETTE 14 *classic line*

Ideal for fast, effective comminution of soft to medium-hard, brittle, fibrous materials, as well as difficult-to-mill and temperature-sensitive samples. Cryogenic grinding, dispersion and homogenisation are also areas of operation. The Variable Speed Rotor Mill is an ultra-centrifugal mill with variable speed setting between 6,000 rpm and 20,000 rpm and automatic speed regulation for constant milling in the areas of analytic, biology, chemistry, agriculture and forestry, foodstuffs, plastics and textiles, pharmaceuticals, environment/RoHS. For optimal material feeding the Vibratory Feeder LABORETTE 24 (optional) is recommended.

Technical data:

Max. feed size:	10 mm
Throughput:	up to 5 l/h
Sieve inserts:	0.08 to 6 mm
Final fineness (d50):	40 µm
Rotor speed:	6,000 to 22,000 rpm
Power supply:	200–240 V/1~, 50–60 Hz, 1100 W
Dimensions (WxDxH):	31 x 48 x 47 cm
Net weight:	23 kg



WWGF3003



Article	Order No.
① Variable Speed Rotor Mill PULVERISETTE 14 <i>classic line</i>	10 98 00200

Instrument available in other voltages.

Impact rotor and sieve ring must be ordered additionally.

FRITSCH also offers a Variable Speed Rotor Mill PULVERISETTE 14 *premium line* with impact, shearing and cutting comminution in one instrument. The *premium line* version is especially powerful with up to 22,000 rpm, a max. feed size of up to 15 mm and a sample throughput of up to 15 l/h and more. This mill offers significantly better cooling, absolutely safe operation and fast, residue-free cleaning. Ask us.

② Accessories for Variable Speed Rotor Mill PULVERISETTE 14 *classic line*

Article	Order No.
Impact rotor with 8 ribs, stainless steel	10 98 08010
Impact rotor with 12 ribs, stainless steel	10 98 02010
Impact rotor with 24 ribs, stainless steel	10 98 04010
Sieve ring, trapezoidal perforation 0.08 mm, stainless steel 316L	10 98 00010
Sieve ring, trapezoidal perforation 0.12 mm, stainless steel 316L	10 98 01010
Sieve ring, trapezoidal perforation 0.2 mm, stainless steel 316L	10 98 00201
Sieve ring, trapezoidal perforation 0.5 mm, stainless steel 316L	10 98 05010
Sieve ring, trapezoidal perforation 0.75 mm, stainless steel 316L	10 98 08011
Sieve ring, trapezoidal perforation 1 mm, stainless steel 316L	10 98 01011
Sieve ring, trapezoidal perforation 1.5 mm, stainless steel 316L	10 98 05011
Sieve ring, trapezoidal perforation 2 mm, stainless steel 316L	10 98 02001
Sieve ring, square perforation 2 mm, stainless steel 316L	10 98 02011
Sieve ring, square perforation 4 mm, stainless steel 316L	10 98 04011
Sieve ring, square perforation 6 mm, stainless steel 316L	10 98 06011
Conversion kit for large quantities	10 98 01000
Vibratory feeder LABORETTE 24 for continuous feeding	10 98 03000
Stand for vibratory feeder LABORETTE 24	10 98 01001

Rotors and sieve rings are also available in others designs and materials. An extensive range of accessories with impact bar, pin insert, sample exhaustion with Cyclone separators and much more is available for your specific application.

