

Cutting Mills (Different Models), FRITSCH



WWGF3010



① Cutting Mills PULVERISETTE 15 and PULVERISETTE 19

Ideal for pre- and fine comminution of soft to medium-hard as well as fibrous or brittle, tough materials. They are essential for the areas of plastics, textiles, agriculture and forestry, environmental, construction materials, chemistry, foodstuffs and for sample preparation for RoHS analysis.

All cutting tools can be removed for cleaning in just a few seconds without tools – unbeatably fast, simple and efficient. Variable rotational speeds, different rotors, various knife geometries and replaceable blades ensure maximum flexibility and durability. For controlling the abrasion properties, the cutting tools are offered in different materials. The optimum airflow ensures particularly fast cutting and secure protection against clogging. The FRITSCH Cyclone separators (optional) for sample exhaustion enable simple feeding due to the strong airflow, increase throughput, and reduce the thermal load of the samples.

Technical data:	PULVERISETTE 15	PULVERISETTE 19	PULVERISETTE 19
Rotor speed:	2800 / 3400 rpm	300 – 3000 rpm variable	50 – 700 rpm variable
Max. feed size:	up to 70 × 70 mm		up to 70 × 80 mm
Throughput:	up to 50 l/h		up to 60 l/h
Sieve inserts:	0.25 – 20 mm		0.2 – 10 mm
Supply requirements:	400 V / 3~ / 50–60 Hz		380–460 V / 3~ / 50–60 Hz
Dimensions (W×D×H):	42 × 48 × 69 cm		44 × 79 × 56 cm
Weight net:	32 kg	79 kg	83 kg

Instruments also available in other voltages.

Article	Order No.
① Cutting Mill PULVERISETTE 15	10 98 01500
② Universal Cutting Mill PULVERISETTE 19, variable rotational speed 300–3000 rpm	53 98 19000
② Universal Cutting Mill PULVERISETTE 19, variable rotational speed 50–700 rpm	10 98 04000

Funnel, rotor, sieve inserts/sieve cassettes and collecting vessel must be ordered additionally.

Further cutting mills with other rotor speeds and a version completely made of stainless steel are available on request.

③ Accessories for Cutting Mill PULVERISETTE 15

Article	Order No.
Funnel for long and bulk solids	10 98 01550
Cutting rotor with straight cutting edges and fixed knives made of tool steel	10 98 04603
Sieve insert made of stainless steel 316L, trapezoidal perforation 0.25 mm	10 98 01200
Sieve insert made of stainless steel 316L, trapezoidal perforation 0.5 mm	10 98 01210
Sieve insert made of stainless steel 316L, trapezoidal perforation 1 mm	10 98 01230
Sieve insert made of stainless steel 316L, trapezoidal perforation 2 mm	10 98 01250
Sieve insert made of stainless steel 316L, square perforation 4 mm	10 98 02200
Sieve insert made of stainless steel 316L, square perforation 6 mm	10 98 02210
Collecting vessel, 3.5 litres	10 98 04535
Collecting vessel, 60 litres, filter hose	10 98 04560
Universal support stand for free mounting of the cutting mills	10 98 05582

Alternative funnels as well as sieve inserts are available in other perforations. Cutting rotors as well as the sieve inserts are also offered in chromium-free steel.

④ Accessories for Universal Cutting Mill PULVERISETTE 19

Article	Order No.
Standard funnel for long and bulk solids	53 98 19185
Standard rotor with V-cutting edges and fixed knives made of hardened stainless steel	53 98 45510
Sieve cassette made of stainless steel 316L, trapezoidal perforation 0.5 mm	53 98 45542
Sieve cassette made of stainless steel 316L, trapezoidal perforation 1 mm	53 98 45544
Sieve cassette made of stainless steel 316L, trapezoidal perforation 2 mm	53 98 45546
Collecting vessel, 3 litres	53 98 45573
Collecting vessel for large quantities, 10 litres	53 98 45570
Universal support stand for free mounting of the cutting mills	10 98 05582

Alternative funnels, rotors in other designs and materials, sieve cassettes in other perforations and materials as well as further stands and Cyclone separators in various configurations for sample exhaustion are available.

