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P-16 Rotor Mill

The all-round talent for fast
pre- and fine comminution



+ high-performance cyclone
in stainless steel

+ feed sizes up to 25 mm
depending on material

+ throughput up to
approx. 80 l/h – batch
operation or continuous

+ fineness down to < 100 µm
depending on material and
sieve insert

+ cast iron, stainless steel,
or hardened grinding sets
available in the cross-beater mill

+ container sizes for easy
quantity control, even in
batch mode

+ utmost safety
and ultra easy cleaning

Lime, coal, and coke

If you work in a laboratory, a technical center, or an industry that comminutes medium-hard, brittle materials up to a Mohs hardness of 6, the P-16 Rotor Mill is exactly what you need. In the very first pass, it often takes bulk materials up to 25 mm and pulverizes them down to < 100 µm. It can do this in batches or continuously and is perfect for crushing coal, coke, lime, or shale. Simple tool-free removal of the grinding tools makes it very easy to clean.

Material makes the difference

You can choose between three material variants of FRITSCH P-16 Rotor Mills. For standard applications, it is available with a cast iron grinding insert and cross beater as well as hardened steel impact plates. There is also a fully stainless steel version specifically designed for particular areas of application in chemistry. And for especially hard and abrasive materials, we recommend the variant made of hardened special steel. Your choice of bottom sieve will determine the final particle fineness. Here you need to take into account that smaller perforations produce finer particles, while larger perforations result in higher throughput rates. Need advice? Get in touch!



Clean design: The P-16's grinding chamber is designed so that it collects virtually no residue. Its impact plates and the bottom sieve can be removed in a few simple steps. Perfect conditions for quick, easy cleaning.



Experience FRITSCH P-16 in action!

Watch the video to see how easy FRITSCH P-16 Rotor Mill is to use.

Technical data

P-16

Optimal material type

medium-hard, brittle

Connection values

200 – 240 V/1~, 50 – 60 Hz, 1,500 watts

Rotor speed

2,000 – 4,000 rpm

Weight

50 kg

Dimensions W x D x H

Table mounting or on stand 60 x 70 x 58 cm



Contact us now

for a non-binding consultation or test grinding to identify your ideal device configuration and parameters.

consultation@fritsch.de
+49 6784 70-150



Find out more at

www.fritsch-international.com
in the sample-preparation/
milling/rotor-beater-mills



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