

Mini Cutting Mill P-29



# Strong performance – small & compact



**Rotational speed** variable 500–6000 rpm

**Feed size** up to 25 mm diameter

**Volume** up to 100 ml

**Final fineness** sieve inserts 0.25–6 mm



+ **Variable rotational speed**  
for optimal cutting speed

+ **Particularly durable -**  
Rotor knives and fixed knives are  
turnable

+ **Practical Design**  
for easiest cleaning with just a few  
simple steps

+ **No loss of moisture**  
during sample preparation  
for determining moisture

+ **Ideal for**  
grain and seeds, plastics and other  
brittle materials

+ **Reproducible sample preparation**  
for NIR analysis

# FRITSCH P-29 – the small professional grinder for versatile use

The FRITSCH P-29 is the ideal laboratory mill if you regularly grind small sample quantities of materials such as grain, seeds or even plastics and other materials with a low specific density: Inexpensive, compact and space-saving, completely uncomplicated to use and can be cleaned contamination-free in a few simple steps.

Due to the fact that the rotor knives as well as the fixed knives are turnable, they are particularly durable. The handling couldn't be easier, since rotor and fixed knives are simply inserted. An adjustment of the cutting gap is not necessary.

## Defined final fineness

Various sieve inserts made of stainless steel 316L with either square or trapezoidal perforation enable you to achieve a final fineness of 0.25 – 6 mm.

## Particularly powerful

The rotor with 4 straight cutting edges and fixed knives made of hardened stainless steel enables up to 48,000 cutting processes per minute.

When it comes to the selected materials, we made sure to choose particularly high-quality materials and paid particular attention to processing.



## Ideal for analysis of moisture, raw fibre and ash as well as for IR and NIR

Thanks to its variable rotational speed, the FRITSCH P-29 comminutes especially grain and other seeds in an optimal way and with almost no loss of moisture. It thus fulfils the essential requirement for analytically correct analysis in the area of feed and raw material sampling.

### Technical Data

**Optimal for material type**

medium-hard, soft, brittle, tough, fibrous, tough-elastic, temperature-sensitive

**Electrical details**

200 - 240 V/1~

100 - 120 V/1~

**Drive power**

400 watts

**Frequency**

50 - 60 Hz

**Weight**

18 kg

**Dimensions w x d x h**

27 x 35 x 34 cm

**Contact us**

for a non-binding consultation or an individual test grinding of your material to recommend the appropriate cutting tools and the optimal grinding parameters.

[consultation@fritsch.de](mailto:consultation@fritsch.de)

+49 6784 70-150

**More information**

on the FRITSCH Cutting Mills can be found in the Sample Preparation section at [www.fritsch-international.com](http://www.fritsch-international.com).

