

# P-2

## MORTAR GRINDER

EASY WORKING. GREAT RESULTS.  
**FRITSCH**

# AUTOMATIC MORTAR GRINDER

## for professional use



+ **feed sizes up to 8 mm**  
depending on material

+ **final fineness down to 10 µm** also with wet grinding

+ **sample volumes up to 190 ml** and 7 different grinding sets

+ **automated mortaring**  
with reproducible results

+ **fast emulsification**  
of ointments and pastes

+ **illuminated grinding chamber** for easy monitoring

# Clever easy-to-use design

Anything you can do with your mortar and pestle, our P-2 Mortar Grinder can do better. It is ideally suited to producing final finenesses down to 10 µm, or for easy mixing and homogenizing of ointments, creams, and pastes in laboratory samples up to 190 ml. It also manages oil-in-water or oil-in-oil emulsions and grinds difficult-to-mill samples in liquid nitrogen. The P-2 Mortar Grinder can be used to prepare galenic products such as tablets at particularly low temperatures as well. It is the perfect universal grinder in the laboratory – for analysis, quality control, and material testing applications.

## Reliably reproducible results

With FRITSCH P-2, the downward and sideways pressure applied by the pestle to the mortar can be set with precision reproducibility according to a scale. Its integrated timer also guarantees precise reproducible grinding times. You can also add sample materials, liquids, and additives at any point, even when the mill is running. The scraper can be adjusted across three axes during operation and ensures that the material being ground automatically flows back into the pestle. Finally, you can keep an eye on the entire process at all times. Ensured by the illuminated grinding chamber and the large acrylic window of the P-2 Mortar Grinder.



**All-in-one cold grinding:** FRITSCH P-2 is ideally suited for cryogenic grinding. Used in combination with liquid nitrogen, it allows you to effortlessly grind tomatoes, rubber, synthetic resins, plants, and other moist, fibrous, or elastic samples.



### Experience the FRITSCH P-2 in action!

Watch the video to see how easy the FRITSCH P-2 Mortar Grinder is to use.

## Technical data

### P-2

#### Optimum material type

hard, medium-hard, soft, brittle, fibrous, abrasive and temperature-sensitive

#### Connection values

100 - 120/200 - 240 V/1~, 50/60 Hz, 250 watts

#### Mortar bowl speed

50 Hz - ~70 rpm, 60 Hz - ~80 rpm

#### Weight

24 kg

#### Dimensions W x D x H

Desktop unit 310 x 460 x 410 mm

**Contact us now** for a non-binding consultation or individual test grinding to identify your ideal device configuration and optimal grinding parameters.

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