

P-5 premium

PLANETARY MILL

 **FRITSCH**

POWERFUL MILLING

with reliable safety



+ **Rapid fine comminution**
of up to 4 samples
simultaneously

+ **Feed sizes up to 10 mm**
depending on material

+ **Final fineness:** < 1 µm or
< 0.05 µm for colloid
milling (sample dependent)

+ **Automatic clamping**
of grinding bowls with
ServoLOCK

+ **Consistently reproducible**
milling parameters with
MillControl software

+ **Grinding bowls open**
safely even under pressure

Our high-performance all-rounder for everyday laboratory use

The FRITSCH P-5 premium Planetary Mill is just the right laboratory mill for dry and wet samples that need very fine and very fast milling. Super easy and safe to use, the P-5 premium delivers consistent reproducible results every time. It is also ideally suited for mechanochemistry, mixing, and homogenizing!

Easy bowl change with motorised clamping

To insert the P-5 Premium grinding bowls, simply push them into the holder. A guide rail ensures correct positioning. Push down the handle to engage the revolutionary ServoLOCK locking mechanism. The motorised clamping mechanism will then engage. Once both bowls are correctly inserted, you can start the milling process. The RFID chip in the bowl detects when the speed is set too high for the material. It then reduces the speed automatically to ensure the highest possible operating safety. This ensures easy, error-free operation.



Insert the grinding bowl, pull down the ServoLOCK holder and start the process. P-5 FRITSCH premium makes grinding, mixing, homogenizing, and alloying that simple.

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



Measuring gas pressure and temperature

Transform your P-5 premium into an analytical measuring system by using the EASY-GTM system (gas pressure and temperature measuring system) with a special lid and transmitter, as well as a receiver board and the supplied MillControl software. The advantage: simple and reliable monitoring and evaluation of thermal effects, physical and chemical reactions, or pressure increases and decreases through continuous measurement of gas pressure and temperature directly in the grinding bowl. The mill is automatically controlled so that the set parameters are not exceeded. EASY-GTM bowls are available in various materials.



EASY-GTM with gassing lid