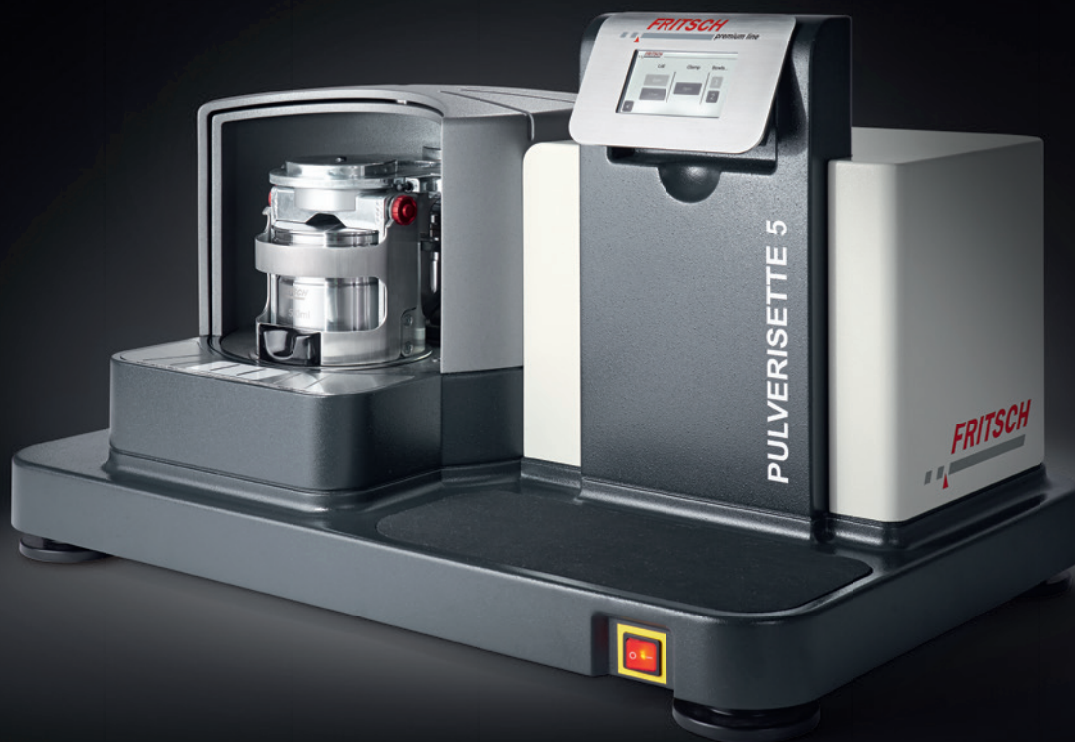


Planetary Ball Mill P-5 premium line

With premium power in the nano range



Rotational speed of bowl	Up to 1,600 rpm
Feed size	Up to 10 mm, depending on material
Sample quantity	15 – 450 ml
Final fineness	Up to < 0.1 µm, depending on material



extremely fast fine comminution of up to four samples at the same time



automatic clamping of the grinding bowls through the ServoLOCK



optimized grinding setting via RFID chip in the bowl



precisely reproducible grinding parameters through MillControl software



safe opening of the grinding bowls even under overpressure



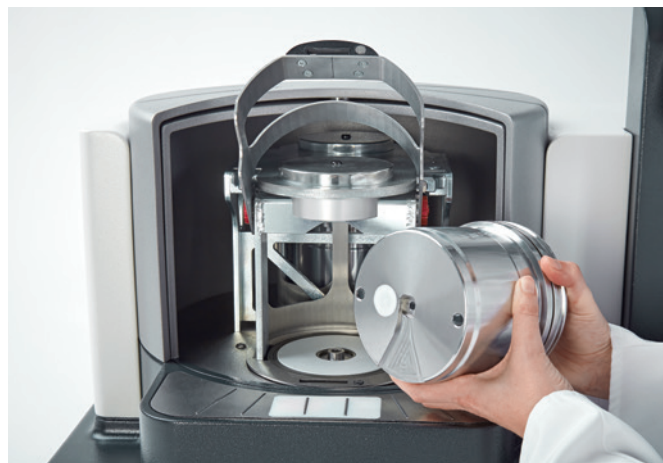
intuitive operation via touch screen

Allrounder for ultra-fine grinding results

The FRITSCH Planetary Ball Mill P-5 premium line is the ideal laboratory mill if you want to grind large wet and dry sample quantities extremely quickly to a high final fineness. It is particularly easy and safe to use. Its results are reliably reproducible. Also ideal for mechanical alloying, mixing and homogenization.

Simple bowl changing with motor-driven clamping

With the P-5 premium, the grinding bowls are simply inserted into the holder from the front. Correct positioning is automatically ensured through a practical guide. The revolutionary ServoLOCK locking mechanism is activated with a single hand movement by lowering a handle. The actual clamping of the grinding bowls is motor-driven by the mill. The grinding process can only be started when both bowls are inserted correctly. And the RFID chip in the grinding bowl automatically transmits the correct grinding parameters. Extremely simple operation, maximum safety and consistently identical conditions for every grinding process. Operating errors are excluded.



Insert the grinding bowl, lower the SelfLOCK handle and start the process: Grinding, mixing, homogenization and alloying in the FRITSCH P-5 premium line is that easy.



Measurement of gas pressure and temperature

Convert your P-5 premium line into an analytical measuring system with the FRITSCH EasyGTM kit. No other manufacturer offers this!

Technical data

P-5 premium line

Optimum material type

hard, medium-hard, soft, brittle, tough, moist

Electrical details

200–240 V/1~, 50–60 Hz, 2,800 watt

Number of grinding stations

2

Grinding process

dry/wet

Rotational speed of main disk

100–800 rpm

Weight

44 kg

Dimensions: w x d x h

bench top instrument 82 x 52 x 48 cm



Your contact

for a consultation with no obligations or an individual test grinding to determine the appropriate instrument configuration and optimum grinding parameters:

beratung@fritsch.de
+49 6784 70-150



Further information

at www.fritsch.de in the Sample Preparation/Grinding/Planetary Mills section



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