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P-0 and P-23 Vibratory Mills

The big stars for small quantities



+ suitable for RoHS tests
and cryo-grinding

+ feed sizes up to 6 mm
depending on model and
material

+ final fineness down to 5 μ m
depending on model and
material

+ sample volume 1-10 ml
depending on model and
material

+ milling and sieving
in one

+ laboratory scale mixing and
emulsifying

+ practical quick-release
system for easy operation

Two models for ultra fine comminution

FRITSCH P-0 – perfectly combining fine milling and sieving

If you regularly work with small samples within a narrow, homogeneous range of particle sizes, we recommend our P-0 Vibratory Ball Mill. This is especially suitable for loss-free and agglomeration-free grinding in sectors such as forensics, chemistry, biology, environment, pharmaceuticals, or materials research – either dry or in suspension. It is currently the only unit on the market that allows you to cryogenically grind tough-elastic materials in direct contact with nitrogen. You can also use it to prepare RoHS test samples or produce homogeneous emulsions and pastes in a short space of time. It additionally converts into a highly effective dry or wet mechanical sieve in just a few simple steps.



FRITSCH P-23 – cost-effective mini ball mill for samples up to 5 ml

If you are looking for an effective ultra-compact solution for extremely fine comminution of very small quantities, this is the laboratory mini mill for you. A major plus is that its spherical grinding bowls provide superior milling, mixing, and homogenizing versus comparable models. Perfect for doing laboratory batch work, its practical quick-release system makes fixing the grinding bowl in place both quick and simple. Its larger grinding bowl also means it is perfect for preparing samples or analyzing asbestos. Need advice? Get in touch!



Technical data

P-0/P-23

Optimum material type

Medium-hard, brittle, moist, temperature-sensitive

Connection values

100 – 240 V/1~, 50 – 60 Hz, 50 watts

Vibration grinding bowl

3,000 – 3,600 or 900 – 3,000 oscillations/min

Weight

21 kg or 7 kg

Dimensions W x D x H

Table-top unit 37 x 40 x 20 cm or 20 x 30 x 30 cm



Contact us now

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

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Find out more at

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

