

**MM 301**

Mixer Mill as compact bench top model with two grinding stations. It has to be suitable for size reduction, mixing and pulverization of hard, medium-hard, brittle, soft, elastic and fibrous samples in small quantities as well for disruption of biological cells or cryogenic grinding processes.

## Technical features:

- Suitable for dry, wet and, cryogenic grinding and cell disruption
- Suitable for mixing and homogenization of powders
- Grinding based on ball milling by high-frequency impact action
- Nominal power 76 W at 50 Hz, 64 W at 60 Hz
- Digital settings and control of grinding time (10 s- 99 min) and vibration frequency (3 – 30 Hz)
- High sample throughput should be accomplished in a short time.
- Memory function for 3 parameter combinations
- Parameter lock
- Transparent plastic cover with safety switch
- Braking time of motor 1 sec.
- Self-centering device for a quick and reproducible jar adjustment
- Quick-action, self locking grinding jar clamping device
- CE-mark
- Operation & Application Video
  
- Grinding jars with screw-top design from 1,5 ml to 50 ml
- Grinding jars in 6 different materials for grinding without cross contamination
- Special accessories for cell and tissue disruption (e.g. adapter racks for reaction vials)
- Dust-proof and air-tight grinding jars

Grinding jars with stainless steel protective jacket (for agate, zirconium oxide and tungsten carbide jars)