

Task:**Application field:** Analytics**Material:** Feed pellets**Feed size:** 20 mm**Feed quantity:** 2500 g**Material specification(s):** dry, fibrous**Customer requirements(s):** 2 mm**Subsequent analysis:****Solution****Selected Instrument(s):** Hammer Mill HM 200

Configuration(s) Item nos.:

- 1 x Hammer Mill HM 200, 3~ 400V 50Hz, incl. 10 l receptacle, incl. wear plates, 10 x hammers hardened steel 1.0503, without hopper and sieves
- 1 x Standard hopper for HM 200
- 1 x Bottom sieve 3 mm, round hole, for Hammer Mill HM 200, Steel 1.0330

Please note: Other electrical versions of the instrument(s) are available with different item numbers.

Parameter(s): Speed 3000 U/min-1**Time:** 30 s**Achieved result(s):** Predominantly < 2 mm

Remark(s): Around 2.5 kg of the sample could be ground to less than 2 mm final size using a 3 mm bottom sieve in appr. 30 sec.

The mill can also be used to achieve finer grind sizes. Sieves with smaller aperture size down to 2 mm can be used.

Recommendation: The HM 200 is suitable to grind the sample material under the above mentioned conditions.

Pictures of the sample:



Picture 1: Feed pellets before grinding



Picture 2: Feed pellets after grinding with a 3 mm sieve