

Grinding



## Fine grinding system FM2

- Roller diameter 200 mm
- Roller width 100 or 200 mm
- Direct view of grinding chamber / grinding process
- Easy-to-clean grinding chamber
- Flexible usage for laboratory or small lot production
- Inverter control for motors
- Easy grinder gap adjustment

## Standard scope of delivery

- Roller bearings on one side only
- Rollers can be switched out from the front
- Protection against foreign objects via one spring loaded roller
- Grinding gap can be manually adjusted using thread with scale (0.1 mm separation)
- Rollers made from C45, surface hardened to HRC 56-58
- Smooth roller surface
- Grinding chamber door electrically locked
- Control cabinet

## Options

- Dust exhaust
- Material feed via chute, roller feeder or storage
- Rollers available in other materials such as ceramic  $ZrO_2$ ,  $Al_2O_3$
- Profiled roller surface
- Grinding chamber lining upon request
- Fully stainless steel model for foodstuff, pharmaceuticals, chemicals
- Grinding chamber fully removable for cleaning
- Underframe in line with your requirements, mobile options available
- Motors in special voltage

Laboratory mill	Feed grain size*	Throughput capacity*	Roller diameter	Roller length	Power input	Length	Width	Height	Weight
Type	[mm]	[t/h]	[mm]	[mm]	[kW]	[mm]	[mm]	[mm]	[t]
FM 2/1	≤ 10	≤ 0.1	200	100	2	1100	1200	1500	0.8
FM 2/2	≤ 10	≤ 0.2	200	200	2	1100	1200	1500	0.9

\*Values subject to material, feed spectrum, grinding gap, roller width, etc.

Please contact us to arrange a test for your material in our technology centre.