

M 20 Universal mill



- Batch mill suitable for dry grinding of hard and brittle substances.
- Double-walled grinding chamber can be cooled with water through two hose adapters
 - Removable grinding chamber, easy to clean
 - Two grinding chambers can be alternately operated using one drive
 - M 21 blade incl. with delivery

| Technical Data | | | |
|---|------------------------|---|---------------------------|
| Process type [-] | batch | Operating principle [-] | cutting/impact |
| Motor rating input [W] | 440 | Motor rating output [W] | 225 |
| Speed max. [1/min] | 20000 | Circumferential speed max. [m/s] | 72 |
| Usable volume max. [ml] | 250 | Feed hardness max. [Mohs] | 5 |
| Feed grain size max. [mm] | 7 | Material beater/cutter [-] | stainless steel 1.4034 |
| Material milling chamber [-] | stainless steel 1.4301 | Power-on time ON [min] | 7 |
| Power-on time OFF [min] | 10 | Milling chamber, can be cooled with water [-] | yes |
| Mill feed can be cooled in milling chamber with dry ice [-] | yes | Mill feed can be cooled in milling chamber with liquid nitrogen [-] | no |
| Dimensions (W x H x D) [mm] | 170 x 350 x 170 | Weight [kg] | 6.6 |
| Permissible ambient temperature [°C] | 5 - 40 | Permissible relative moisture [%] | 80 |
| Protection class according to DIN EN 60529 [-] | IP 21 | RS 232 interface [-] | no |
| Analog output [-] | no | Voltage [V] | 230 / 115 |
| Frequency [Hz] | 50/60 | Power input [W] | 440 |