

**POWTEQ®**



**Cutting Mill CM200**

## ◇ Cutting Mill CM200

CM200 is an ideal machine for the sample pretreatment of heavy-metal-free RoHS and WEEE test . It is always used to process solid samples in batch or continuously, For the long fiber and big volume sample it can process directly and do not need the pre-crush.



○ **Application fields :** Electronics, environment, cement, agriculture, etc

○ **Typical sample :** rubber, plastics, garbage, circuit board, wood, paperboard, paper, spice, straw, leather, rubber, raw material, bone, animal feed, cable, plastic, electric wastes, non-metallic waste, grain, lignite, peat



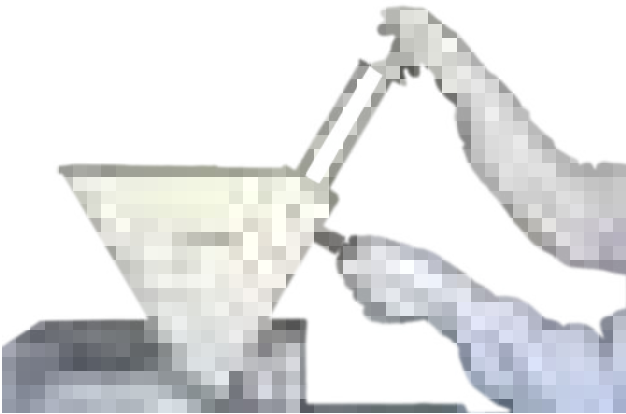
### Application Examples

| Before grinding                                                                     | After grinding                                                                      | Parameter             |                                |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------|--------------------------------|
|  |  | Sample                | straw                          |
|                                                                                     |                                                                                     | Rotor                 | standard rotor stainless steel |
|                                                                                     |                                                                                     | Sample characteristic | soft                           |
|                                                                                     |                                                                                     | Remarks               | feed size less than 90mm, dry  |
|                                                                                     |                                                                                     | Time                  | 1-3min                         |
|  |  | Sample                | dog chew bones                 |
|                                                                                     |                                                                                     | Rotor                 | standard rotor stainless steel |
|                                                                                     |                                                                                     | Sample characteristic | brittle, medium-hard           |
|                                                                                     |                                                                                     | Remarks               | feed size less than 90mm       |
|                                                                                     |                                                                                     | Time                  | 3-5min                         |
|  |  | Sample                | circuit board                  |
|                                                                                     |                                                                                     | Rotor                 | 24-disc rotor stainless steel  |
|                                                                                     |                                                                                     | Sample characteristic | tough, hard                    |
|                                                                                     |                                                                                     | Remarks               | feed size less than 90mm.      |
|                                                                                     |                                                                                     | Time                  | 3-5min                         |

○ Working principle

The cutting mill processes the sample by the strong cutting and shear force. The sample to be processed falls into the cutting chamber via the hopper and is shredded by cutting between rotating and fixed knives until it passes an attached sieve as ground product into the collection bucket.

○ Anti-splashing hopper



- The operation of CM series is quite simple and safe. The electric safety switch can prevent the device from being started when the door is open.
- The rotating knife, bottom sieve and hopper can be easily removed and re-installed, such designs greatly facilitate the cleaning of the grinding chamber.

○ Technical data

| CM200              |                                                 |                 |                   |
|--------------------|-------------------------------------------------|-----------------|-------------------|
| Feed size          | < 60*80mm                                       | Collector       | 0.5L、1L、2L、5L、30L |
| Final fineness     | 0.1~20mm                                        | Rated power     | 3.0KW             |
| Speed              | 500-3000rpm                                     | Power supply    | 380V、50/60Hz      |
| Collector capacity | 5L or 120kg/h                                   | Instrument size | 640*825*1510mm    |
| Sieves             | 0.20/0.5/1.00/2.00/4.00/6.00/8.00/10.00/20.00mm | Package size    | 1000*1000*1450mm  |
| Rotor              | 6-disc rotor、standard rotor                     | Net weight      | 186kg             |