

Laboratory-Ballmill LKM10

In General

- the Laboratory-Ballmill LKM10, as a stable and robust device, includes 2 separate and sound-adsorpted ballmills, each for 2 grinding vessels where the independent drives and control-units are built into the same compact casing;
- by using variable quick-connects and as well easy exchangeable turn-discs, a large number of various grinding vessels can easily be adapted;
- 4 vessels can be operated with 2 different parameter settings at the same time;

Application

low - medium kinetic milling apparatus:

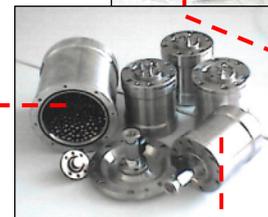
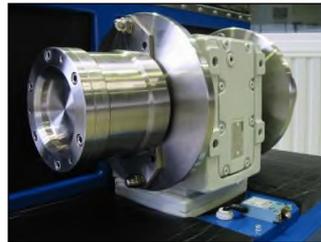
- milling
- mixing
- dispersing
- homogenizing

Advantages:

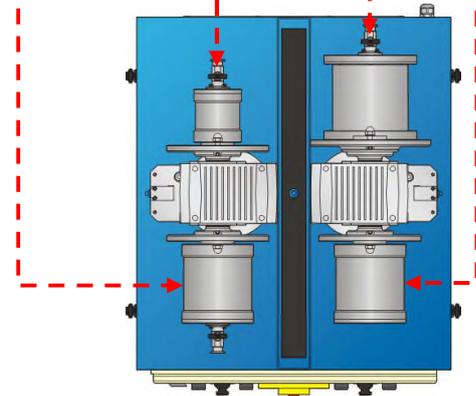
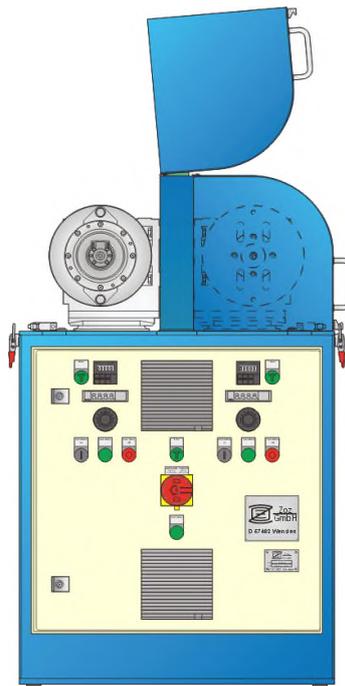
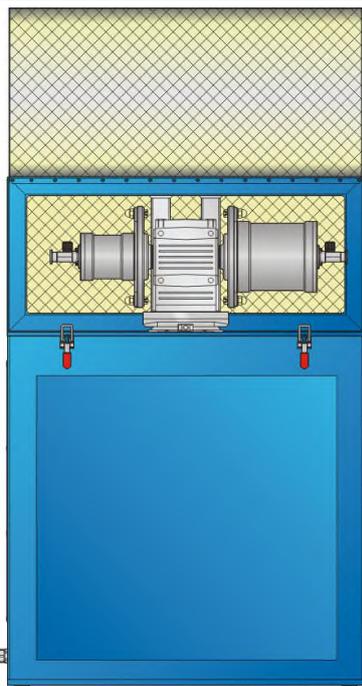
- very stable stand-alone unit
- sufficient drive power
- sound proof by metal hood + isolation
- simultaneous use of 4 (!) vessels (or less)



Steel container with lining
 Al_2O_3 RBA02 & RBA05



Steel container
 RBS005 & RBS02



Laboratory-Ballmill LKM10, left-hand protection hood opened, right-hand system ready for operation, steel-vessel RBS005 and RBS02 type b (evacuation) adapted

view from top (protection hoods not drawn), various grinding vessels adapted

Technical Data, dimensions

| | |
|--------------------------|---|
| L x B x H | 750 x 660 x 1080 mm |
| net weight | 215 kg |
| for grinding vessels | up to \varnothing 195 x 225, max. 25 kg |
| speed adjustment | direct |
| vessel speed I + II | 0-200 rpm, direct |
| drive power | 2x 1.1 kW, 220/400 VAC, 6 A |
| electrical control | timer & speed-control |
| material casing | steel, powder coated |
| material turn-discs etc. | stainless steel 1.4301 |

Turn-discs, grinding vessels

| | |
|------------------------------|--|
| turn-disc LKM10-1 (standard) | for high grade stainless steel containers 0.5 - 2 litre (RBS005, 01 and 02) |
| turn-disc LKM10-2 (option) | for containers with linings 0.5 - 2 litre (RBA005, 01 and 02) |
| turn-disc LKM10-3 (option) | for porcelain-containers 1 - 3 litre (RBT01, 015 and 02) |
| turn-disc LKM10-x (option) | for special containers up to 5 litres |

technical data subject to alterations