

# 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;

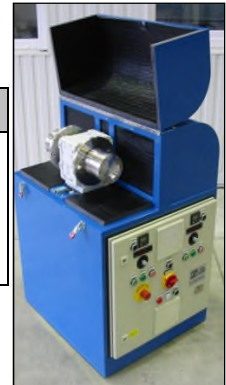
## Application

low - medium kinetic milling apparatus:

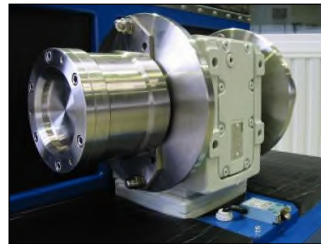
- milling
- mixing
- dispersing
- homogenizing

## Advantages:

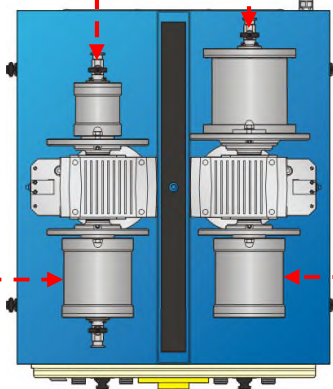
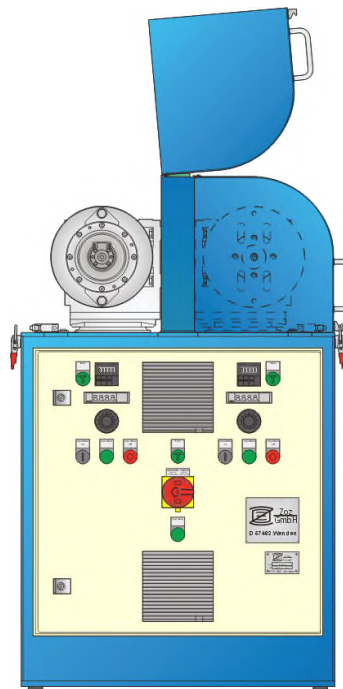
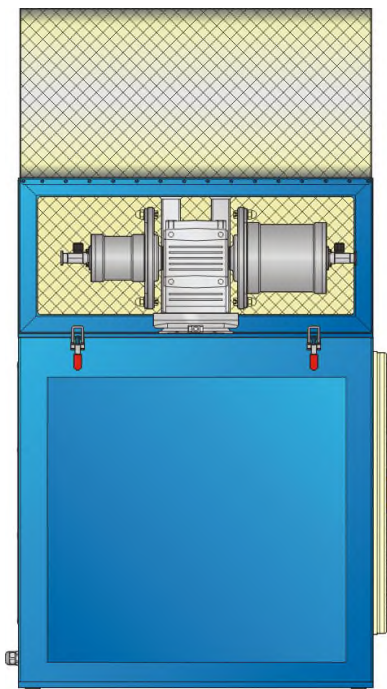
- very stable stand-alone unit
- sufficient drive power
- sound proof by metal hood + isolation
- simultaneous use of 4 (!) vessels (or less)



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