



# MillMix 20

## Bead beater

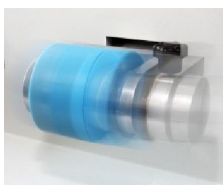
MillMix 20 is developed for scientists, who need efficient disruption of small amounts of sample.

### **Easy to use**

One knob controller together with bright LED display is simple to use and gives all important information at once.

### **Powerful & Quick**

Broad range of standard and custom designed tube holders makes MillMix 20 as a suitable tool for dedicated scientific work as well as daily routines. Efficient disintegration, homogenization and mixing in second.



### **Most Advanced Technology**

Powerful DC brushless motor, which is controlled by digital processor, needs no maintenance.

### **Main features**

Fast and efficient disintegration of samples  
Suitable for qPCR  
Solid and stable construction

### **Broad range of jars & tube holders**

Largest Jar capacity 2 x 50 ml  
Steel and stainless steel jars  
Rounded Téfon<sup>®</sup> Jars  
Squared Téfon<sup>®</sup> Jars



### **Applications**

MillMix is usefull tool for disintegration of several materials and can be used on different fields of science: microbiology, biotechnology, medicine, veterinary, chemistry, geology, metallurgy,...

### **Positive Examples**

Airborne pathogen transmission  
Detection of Mycobacterium tuberculosis in the Air  
Detection of Avian Influenza Virus in Surface Water  
Direct Detection of Pathogens in Food and Water  
Prevent biofilm growth in the distribution systems  
High-yield DNA/RNA extracting method  
Detection of bacterial genera like *Acinetobacter*, *Campylobacter*, *Gallionella*, *Rhizobiales*, *Rhodococcus*, *Microbacterium*, and classes like *Xanthomonadaceae*, *Rhodocyclaceae*, *Comamonadaceae*.



### **Technical specifications**

Model	Millmix 20
Voltage	230V/50Hz or 115V/60Hz
Power	200 VA
Time	5s -60 min, HOLD
Vibrating frequency	3-30 Hz
Max. volume	2x 50 ml
Net weight	42 kg
Dimensions	365 x 405 x 225 mm (WxDxH)

Grinding jar (nominal vol)	Sample amount	Max. feed size	Balls
1,5 ml	0,5 ml	1 mm	∅ 5 mm
5,0 ml	2,0 ml	2 mm	∅10 mm
10 ml	4,0 ml	4 mm	∅10 mm
25 ml	10,0 ml	6 mm	∅15 mm
50 ml	20,0 ml	8 mm	∅25 mm

### **Rounded Teflon Jar for reaction vials**

- 0,2 ml with 12 places on each arm,
- 1,5 ml with 6 and 12 places on each arm,
- 2,0 ml with 6 and 12 places on each arm.

### **Squared Teflon Jars**

- Deep well plate on each arm,
- Three Microtiter plates on each arm.



We reserve the right to alter specification details etc. without prior notice liability!

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