

# High Throughput Tissue Grinder

Item Number: KT-MT



## Introduction

KT-MT is a high-quality, small, and versatile tissue grinder used for crushing, grinding, mixing, and cell wall breaking in various fields, including food, medical, and environmental protection. It is equipped with 24 or 48 2ml adapters and ball grinding tanks and is widely employed for DNA, RNA, and protein extraction.

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Model	K-MT24	K-MT48
Recommended maximum injection size	< 10mm	< 10mm
Sample particle size range	0.1-20um	0.1-20um
Grinding method	dry grinding   wet grinding   low temperature grinding	dry grinding   wet grinding   low temperature grinding
Number of ball mill jars	2	2
Range of motion	35mm	55mm
Movement mode	8-track high-frequency three-dimensional movement	8-track high-frequency three-dimensional movement
Vibration frequency	3000 times/min	3000 times/min
Control mode	LCD screen frequency conversion control	LCD screen frequency conversion control
Time setting	99:99:99[h:m:s]	99:99:99[h:m:s]
Ball mill material	Zirconia   Tungsten Carbide   Stainless Steel   PTFE Optional	Zirconia   Tungsten Carbide   Stainless Steel   PTFE Optional
Ball mill jar volume	15mlX2   25mlX2   50mlX2	15mlX2   25mlX2   50mlX2
Grinding carrier type	ball mill jar   cell disruption adapter	ball mill jar   cell disruption adapter
Grinding ball size	0.1-25m optional	0.1-25m optional
Configurable centrifuge tube volume	0.2ml   0.5ml   2ml   5ml etc.	0.2ml   0.5ml   2ml   5ml etc.
Cell breaking adapter	0.2-2ml X 24   5-15ml X 8	0.2-2ml X 48   5-15ml X 8
Adapter material	PC   MC	PC   MC
Centrifuge tube material	EP	EP
Electrical description	200-240V AC,50-60Hz,150W	200-240V AC,50-60Hz,200W
Power port	National Standard   European Standard   American Standard   British Standard, etc.	National Standard   European Standard   American Standard   British Standard, etc.
Net weight	28kg	32kg
Dimensions (length, width and height)	380*480*350mm	380*480*350mm
Protection class	IP65	IP65
Standard	CE	CE

Noise description	<60dB	<60dB
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