

# Hybrid Tissue Grinder

Item Number: KT-MT20



## Introduction

KT-MT20 is a versatile laboratory device used for rapid grinding or mixing of small samples, whether dry, wet, or frozen. It comes with two 50ml ball mill jars and various cell wall breaking adapters for biological applications such as DNA/RNA and protein extraction.

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Recommended maximum injection size	< 8 mm
Sample particle size range	~5 um
Grinding method	dry grinding   wet grinding   low temperature grinding
Grinding platform (number of tanks)	2
Movement mode	Y plane arc reciprocating movement
Vibration frequency	180-1800 r/min
Control mode	LCD screen frequency conversion control
Time setting	59:59:59 (h/m/s)
Ball mill material	tungsten carbide   zirconia   stainless steel   MC nylon   PTFE, etc.
Ball mill jar volume	50ml   30ml
Ball mill tank sealing method	sealing ring + thread fastening
Grinding ball size	1-25m optional
Grinding ball material	tungsten carbide   zirconia   agate   stainless steel
Cell breaking adapter volume	10X0.2ml   5X2ml   5X5ml
Electrical description	100-110V/200-240V AC, 50-60Hz, 150W
Power port	National Standard   European Standard   American Standard   British Standard, etc.
Net weight	48kg
Dimensions (length, width and height)	470*360*250
Protection class	IP63
Standard	CE