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Sample Preparation

SOLUTIONS.

Lab Equipment

Pressure Filters
Flotation Machines
Blender
Working Benches
Pellet Presses
Bottle Rollers

Sampling

Samplers
Riffle Splitters
Rotary Sample Dividers

Sieving

Test Sieves
Sieve Shakers
Separation

Sample Preparation

Jaw Crushers
Ball Mills
Knife Mills
Mortar Grinders
Rotor Mills
Disc Mills
Pulverizers
Cutting Mills
Pin Mills
Rolls Crushers
Hammer Mills
Shredders

Services

Engineering
Spare parts
Wear parts
Repairs

Ball mill V-BM 100

The **LITech ball mills** are mainly used for the fine-milling of hard, medium-hard, brittle, soft & fibrous materials.

The **ball mill V-BM 100** are indispensable for commercial laboratories, industry and universities where hard, medium-hard, brittle, soft & fibrous materials must be quickly and easily fine milled.



Ball mill V-BM 100 (open)

Features and benefits at a glance:

High throughput
High reduction rate
High end fineness
Interchangeable grinding jars
Safety cover
Easy to clean/access milling chamber
Grinding jars made of different sizes & range of materials
CE conform

Technical specifications:

Typ	V-BM 100
Max. size*	<10mm
Endfineness*	<3µm
Grinding jars*	1.5 / 5 / 10 / 25 / 35 / 50ml
Throughput*	Up to 50ml / 1 - 20 samples / simultaneously
El. requirements	1-phase
Frequency	3 - 30Hz
Dimensions*	37x41x23cm
Weight*	App. 40kg
CE-conform	Yes

*depending on material & accessories & settings



Grinding jars & Funnel

LiTech sample preparation solutions are used in the following major industries / application fields:

aggregates, bentonite, catalysts, ceramics, coal, coke, construction, ferroalloys, glas, kaolin, minerals, mining, non-ferrous, ore, precious-metals, recycling, slags, soil, waste, and many, many more!!

The milling capacity and the end fineness of the sample material depends on the settings of the ball mill, grinding jars & balls and on the breaking characteristics of the sample material.

All wear parts can be replaced easily.



The grinding jars are available with 1.5 / 5 / 10 / 25 / 35 / 50ml - in a range of materials like stainless steel / hardened steel / tungsten carbide / zirconium oxide / agate / PTFE!



We further supply individual sample preparation equipment “custom-made”!