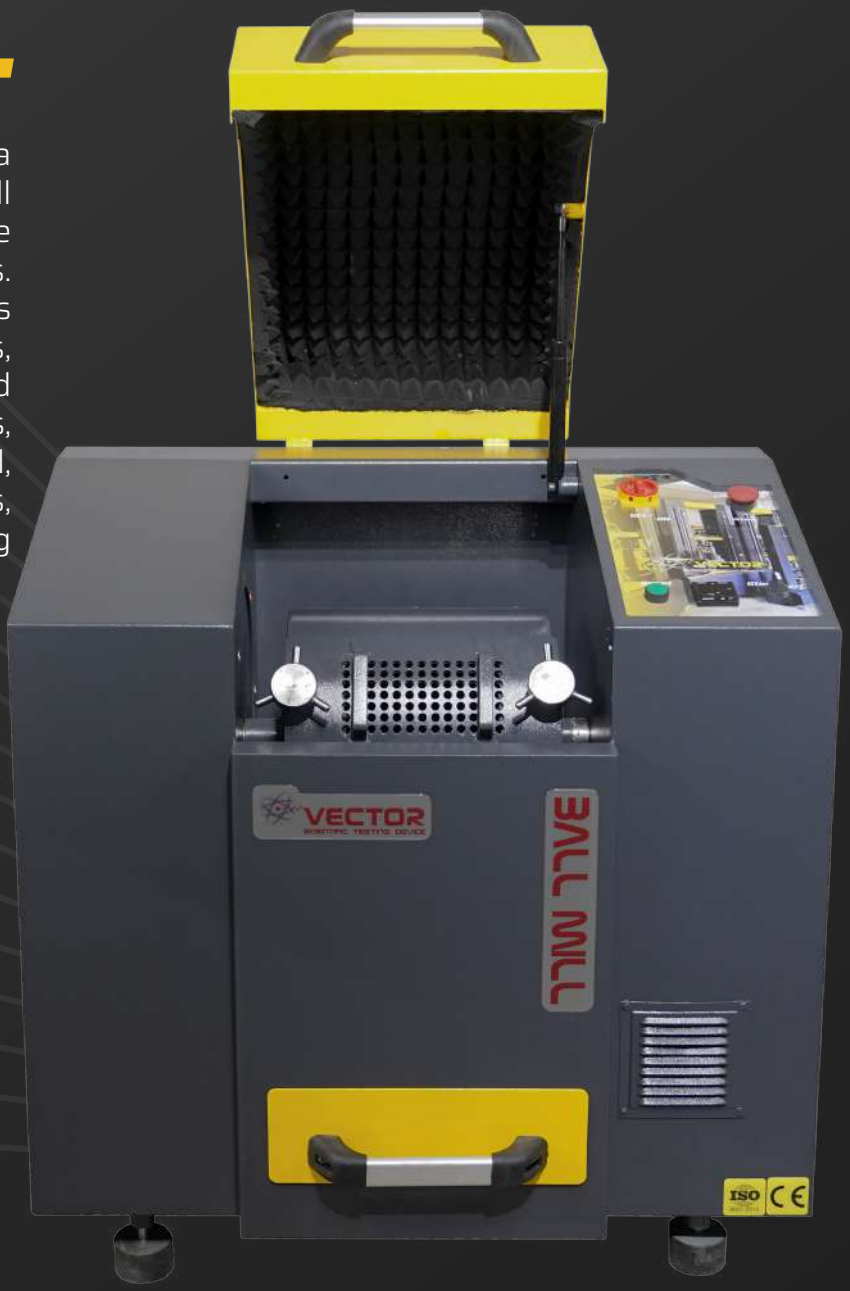
VECTOR
SCIENTIFIC TESTING DEVICES

DRUM
BALL MILL

Introducing the Vector Ball Mill, a state-of-the-art laboratory ball mill designed to achieve ultra-fine particle sizes for high-quality testing standards. This robust and versatile machine excels at grinding a wide range of materials, including hard and medium-hard substances like bauxite, ores, stones, quartz, limestone, marble, slag, coal, uranium ore, ferro alloys, mud, silicates, cement clinker, and other fast-drying inorganic or organic materials.



VTR-1013

www.vectorbtc.com.tr
info@vectorbtc.com.tr

VECTOR

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SCIENTIFIC TESTING DEVICES

Vector Ball Mill

Reliable Grinding for Laboratory Applications

Exceptional Performance and Efficiency

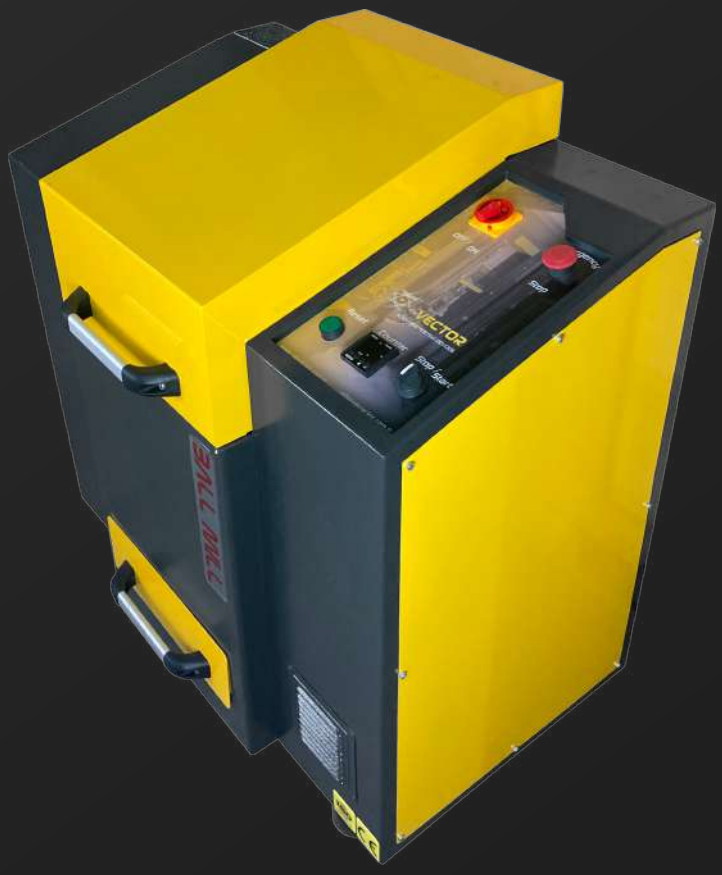
With a generous grinding chamber diameter of 33 cm, the Vector Ball Mill produces finely ground samples with a final particle size as small as 200 microns. Capable of operating continuously for up to 24 hours, this machine ensures thorough processing of even the most challenging materials. Running at a standard speed of 70 revolutions per minute, it also offers an optional speed adjustment feature for precise control to meet specific sample requirements.

Safety is a top priority in the design of the Vector Ball Mill. The machine is enclosed within a soundproof safety cabinet, significantly reducing noise and creating a comfortable laboratory environment. The closed drum assembly features a digital sensor door that automatically stops operation when opened, ensuring user safety at all times. Additionally, the machine is electrostatically painted and abrasion resistant, guaranteeing long-lasting durability and consistent performance.

Engineered for laboratory efficiency, the Vector Ball Mill has compact dimensions, making it an ideal fit for any workspace. Allowing for seamless integration into existing laboratory setups. The intuitive interface and ergonomic design make it simple to use, enabling researchers to focus on their work without unnecessary complications. Upgrade your laboratory's grinding and testing capabilities with the Vector Ball Mill. This reliable and efficient tool combines advanced technology with user-friendly design, delivering precision grinding and taking your material analysis to the next level.

Reasons to Select Vector Ball Mill

- Exceptional Grinding Performance
- Versatility with Various Materials
- Continuous Operation (Up to 24 Hours)
- Advanced Safety Features
- Durable and Robust Construction
- Compact and User-Friendly Design
- Adjustable Operating Speed
- Low Noise Operation



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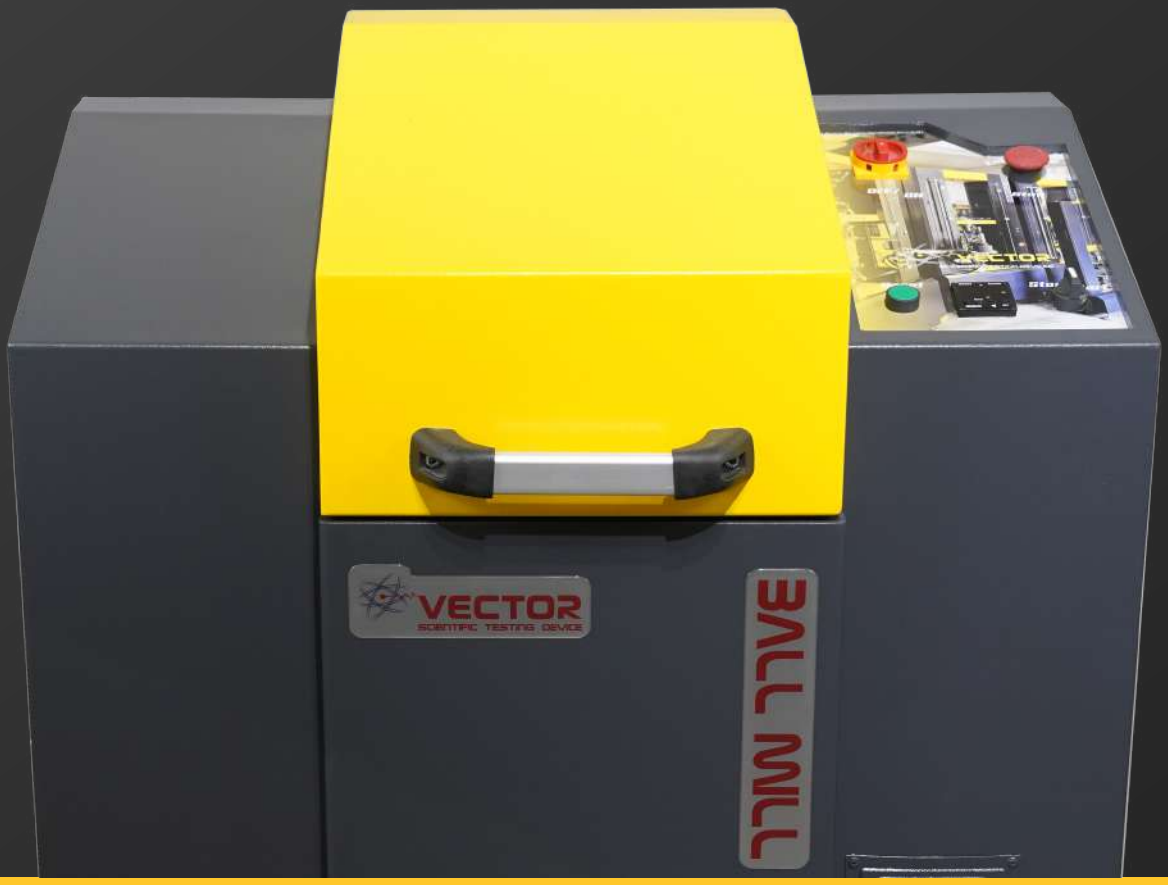
Reliable Grinding for Laboratory Applications



TECHNICAL SPECIFICATION

Grinding Chamber Diameter	33 cm
Maximum Grinding Time	Up to 24 hours
Material feed size	20 mm
Final Particle Size	Down to 200 microns
Operating Speed	70 rpm (standard), adjustable with optional speed control
Grinding Materials	Hard and medium-hard substances (ores, minerals, ceramics, etc.)
Safety Features	Soundproof safety cabinet
	Emergency stop
	Auto stop when lid open
Durability	Drum with reinforced internal structure, abrasion-resistant construction
Dimensions (L x W x H)	95x70x110
Power Supply	380V / 50Hz or 220V / 50 Hz
Weight	160 kg

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