



PULVERISERS
RANGE



When results
matter

rocklabs.com

Pulverise guesswork

Your success is based on the decisions you make, and those decisions are based on the results you get. So we take our role in getting you accurate results and consistent representative sampling seriously.

Rocklabs™ pulverisers are designed to process a variety of materials, with a very low contamination of samples – because there is no room for error when it comes to your mine's next move.

Our complete range of pulverisers, crushers and splitters are engineered by industry experts to the most precise standards to guarantee accurate results for better mining decisions.

Powered by Scott

As a part of international technology and automation company, Scott, we have access to a worldwide support network for all your servicing and maintenance needs.

At Rocklabs, reliability and accuracy are at the core of everything we do, from our precisely engineered sample preparation equipment to our highly accurate certified reference materials.

Each piece of our equipment is built to be modular and adaptable so you can create a full scale, end to end sample preparation system, or utilise a single piece of Rocklabs equipment within an existing system – whatever you need.

Not only is our equipment precision engineered for the most reliable results, our certified reference materials are some of the most accurate and reliable available.

Each sample is put through international proficiency testing with the final values being evaluated and assigned by an independent statistician to make sure you are getting the clearest picture of your mining potential.

CONTINUOUS RING MILL

Suitable for coarse pulverisation of large samples up to 10kg, the continuous flow through operation makes the Continuous Ring Mill one of our toughest and most efficient pulverisers.

Featuring quiet operation and a combination of splitting segments available, the Rocklabs Continuous Flow Ring Mill combines pulverising and splitting into a single process for greater efficiencies.

With built-in ducting for easy connection to dust extraction systems, this is a low maintenance, easy to use machine and a neat addition to your sampling set up.



FEATURES & BENEFITS

- Built-in rotating sampling divider
- Large sample pulverising
- Low maintenance and easy to clean
- Quiet operation

Powerful all-in-one pulverising up to 10kg samples.



SPECIFICATIONS

See all the details at rocklabs.com

Input Particle size	Up to 8mm
Final Output size	Coarse (+80%) passing 300µm Fine (+90%) passing 100µm
Maximum Input Weight	10kg
Headset Options	High Chrome Steel
Width x Height x Depth	868 x 1389 x 929mm
Weight	437kg

AUTO BATCH MILL

The Rocklabs ABM3000 is a highly productive and cost-effective mill for running large batches of samples. It can pulverise to a fineness of 75 microns and run in batches of up to 23, at a maximum of 1000g per sample.

The ABM3000 is fully programmable by LCD touch screen so that each sample can have its own grinding specifications and features automated wash and vacuum cycles to eliminate contamination.

Integration with Rocklabs automated systems available for efficient and seamless production.



Automatic batch processing

FEATURES & BENEFITS

- PLC control over milling and clean out cycle
- Safety interlocks fitted on all doors
- Two chromium head sizes to choose from
- Low maintenance

SPECIFICATIONS

See all the details at rocklabs.com

Input Particle size	Up to 5mm
Final Output size	(95%) passing 75µm
Maximum Input Weight	1000g
Headset Options	Carbon/Chrome
Width x Height x Depth	1100 x 2400 x 2400mm
Weight	1320kg

ROCKLABS
RM1000

Rocklabs™ RM1000 is a robust machine that can handle samples of between 1-1000g, pulverising down to a final size of 75 microns.

It has two clamping options available – a pneumatic airbag clamp and the rotoclamp mechanical clamp. There are also smaller head options available, which can be used with an adaptor plate for added versatility.

Featuring strong construction, the RM1000 is reliable and safe with very little maintenance required.

Mixed batch

Pulverise a variety of materials up to 1000g.

FEATURES & BENEFITS

- 1 phase or 3 phase power supply
- New pneumatic control valve
- Very low contamination of samples
- Quiet operation

SPECIFICATIONS

See all the details at rocklabs.com

Input Particle size	Up to 8mm
Final Output size	75µm
Maximum Input Weight	1000g
Headset Options	Carbon/Chrome Tungsten Carbide/Zirconia Agate
Width x Height x Depth	900 x 1200 x 830mm
Weight	360kg



ROCKLABS
RM2000

The Rocklabs™ RM2000 is the heavy duty version of the RM1000, handling loads between 200-1500g.

Pulverising down to less than 75 microns, the one piece powder coated metal cabinet reduces contamination of samples to a minimum, while maintaining quiet operation.

A two handed clamping operation and optional lift assist comes as a convenient extra for assisted head locating during loading and unloading.

Heavy duty

FEATURES & BENEFITS

- Unique bowl clamping mechanism
- New pneumatic control valve and airbag clamp plate
- Range of smaller heads 350-1000g
- Built-in air extraction and dust extraction pick-up

SPECIFICATIONS

See all the details at rocklabs.com

Input Particle size	10mm
Final Output size	75µm
Maximum Input Weight	200 - 1500g
Headset Options	Carbon/Chrome
Width x Height x Depth	900 x 1200 x 834mm
Weight	480kg



ROCKLABS
BENCH TOP
RING MILL

The Rocklabs™ Bench Top Ring Mill is a quiet, efficient, more compact version of the standard ring mill.

With quiet operation , it can pulverise a variety of material up to 100g with little effort.

Designed to sit on a bench top, operation is easy and its small and compact size means it requires very little maintenance. It’s as close as you can get to plug and play.



PULVERISERS

Quiet / Compact

Process samples up to 100g with the Bench Top Ring Mill.

FEATURES & BENEFITS

- Lightweight & efficient
- Very low contamination of samples
- Low maintenance
- Quiet operation

SPECIFICATIONS

Explore the complete list at rocklabs.com

Input Particle size	2-8mm
Final Output size	95% passing <75µm
Maximum Input Weight	100g
Headset Options	Carbon/Chrome Tungsten Carbide Zirconia
Width x Height x Depth	408 x 509 x 438mm
Weight	67kg



Built for anywhere

From 5,000 metres in the Andes to the most remote areas of Northern Europe, mines and mining laboratories are often in areas that are difficult to access, which is why our equipment is designed for the tough environments.

Instead of relying on complex technology, we strive to simplify the mechanics of our equipment for increased durability during transport and longevity in extreme environments.

By simplifying our machines, we're able to maintain consistent, reliable results and minimise the risk of breakdowns. For you, that means less hassle, less downtime, and better outcomes.

Explore the full range of Rocklabs sample preparation equipment at rocklabs.com

CERTIFIED REFERENCE MATERIALS

The standard in certified reference materials

Certified reference materials (CRMs) are a crucial part of the sampling process and ours are some of the most accurate and reliable available.

Value assignment for each CRM is determined through our interlaboratory proficiency testing program. An independent Statistician, scrutinises the data set before a final value is assigned.

Available in gold, silver, platinum, and palladium.



World-class warranty, worldwide support

Rocklabs equipment is designed for trouble-free operation and minimal maintenance, but if anything does come up, it's backed by extensive warranty and worldwide support.

The pulveriser range comes with a 2000 hour or 12 month warranty (whichever comes first).

As part of international technology and automation company, Scott, you'll have access to parts and servicing wherever you are.



