



A more accurate analysis of coarse gold samples, resulting in higher yields and less waste.



Rocklabs Gravity Gold Concentrator is designed to eliminate problems associated with achieving accurate analysis of coarse gold samples.

The Gravity Gold Concentrator allows a more accurate analysis of the true amount of gold in a sample. This allows improved grade control, optimisation of the production process, higher yields and less waste.

## **BENEFITS:**

- **SMALLER SAMPLE SIZE**

The Gravity Gold Concentrator can take samples up to 10kg and separate out the coarse gold, resulting in a smaller sample for analysis.

- **ONE ASSAY**

The smaller sample size means only one assay test is required.

- **CONTINUOUS PROCESSING**

Through continuous processing, the Gravity Gold Concentrator achieves high throughputs and requires less labour per sample.

- **RAPID TURNAROUNDS**

Reduced drying times and a low processing time ensures a rapid turnaround of samples.

- **COST REDUCTION**

More accurate results allow for greater efficiencies to be achieved in the overall production process.



### ACCURACY AND EFFICIENCY

Traditionally when processing samples containing large gold particles, extraction has been difficult to ensure all gold is absorbed and an accurate analysis achieved. The results of the analysis determines the time required for plant ore leaching. Inaccuracies can result in gold particles being deposited with tailings waste.

The Gravity Gold Concentrator is suitable for any deposit that has problems with coarse gold resulting in inaccurate analysis. Working with samples of up to 10kg, the Gravity Gold Concentrator separates out the coarse gold and provides a smaller sample which can be more accurately analysed.

The smaller sample size for leaching and digestion ensures that all the gold in the sample is absorbed and hence an

accurate assay will result. The Gravity Gold Concentrator is so efficient that it can also separate out finer gold particles in tailings samples which will in turn eliminate valuable gold going to the tailings dam.

More accurate results also allow greater efficiencies to be achieved in the overall production process. Laboratory results can be used to identify improvements in production process; the more accurate the results, the more efficient the production process.

### Technical specifications:

Height	2090mm
Depth	1260mm
Width	960mm
Weight	430kg



rocklabs.com

 **SCOTT** Division

#### ROCKLABS

161 Neilson Street  
P O Box 18142,  
Onehunga, Auckland 1743  
New Zealand

t +64 9 634 7696

f +64 9 634 6896

e sales@rocklabs.com

 **Linkedin:**  
nz.linkedin.com/in/scotttechnology

 **Youtube:**  
youtube.com/scotttechnologyltd

