xrf scientific

AUTOMATED SAMPLE DIVIDER

ORBIS RSD/LSD







Features

LSD or RSD
linear or rotary sample divider options

Compact Footprint
with ergonomic and safe operation

LIMS Connectivity
automated data handling and machine input control

Applications
gold, iron ore, base metals and more

ACCURATE SAMPLE DIVIDER

FOR TRUE SAMPLE REPRESENTATION



RSD or LSD option
Available as either Rotary Sample Divider or Linear Sample Divider

Standard or PLC control
With single or duplicate split options

LIMS Connectivity
Transfer data to and from your LIMS. Add a barcode scanner for sample ID data

Sample Collection
Option to collect the split sample in customised jars of your choice

Overview

Automated sample splitting is the superior method for ensuring your sample for analysis is truly representative.

Orbis standalone RSD/LSD sample splitters introduce a new level of sample splitting accuracy for laboratories. Based on the same technology as our Orbis smart crusher systems, and proven in the largest mining labs in the world. Our experts have designed the sample splitting technology based on decades of knowledge in sample preparation theory and experience.

Ideal for pre-crushed samples, or those that need no crushing (sandy samples). Utilise the system in conjunction with an Orbis crusher, either now or in the future. Incorporate the system into an automated robotic cell for high volume sample preparation requirements.



SPECIFICATIONS

Sample Splitting Technology	• Linear Sample Divider or Rotary Sample Divider • Configurable in single or duplicate splits • Splitter can be configured to feed to the left or right hand side • Split sample based on weight or a percentage
Sample Collection	Standard or customised sample collection such as photon assay jars
Connectivity	Data movement to and from LIMS. Barcode reader option for scanning sample ID data
Controls	Standard operation or smart PLC control with touch screen
Dimensions	Width: 1200mm Depth: 900mm Height: 1620mm
Electrical	230V/480V; 50Hz/60Hz; 0.18Kw ; 1.3A

We reserve the right to change the design or specification of our products without notice. Some of the information contained in this brochure is general in nature and customers should check that it is applicable to their individual circumstances.