System Specifications

AP200.

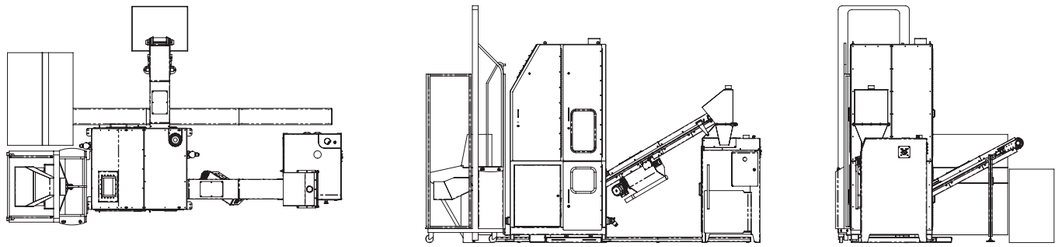
Specifications

Maximum input weight	Up to 15kg
Production rate	Up to 15 samples per hour: average 4 - 5 minutes per sample

Production details	
Maximum input lump size	Up to 55mm
Crushed product size	3mm
Final output size	95% passing 100µm

System Dimensions

Length	4330mm
Height	3070mm
width	3240mm



*For more information please contact us on the details below or visit the website for a list of international agents.

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ROCKLABS

World Leaders in Sample Preparation Equipment and Reference Materials

AP200

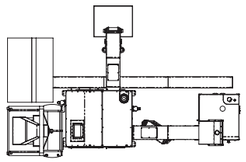
Automated System.

AP200 Automated System

Compact and user friendly.

Introduction

The AP200, AP means All Purpose, is a newly designed compact and user-friendly automated System. It is designed to process up to 200 samples per day. This System has incorporated our latest technology for splitting out an accurate sample. AP200 consists of a sample lifter, a touch screen control console, a crushing-splitting (linear sample divider) tower, sample and waste removal conveyors and a CRM-RSD for pulverising-splitting.



The main features, at a glance.

- The control console has a touch screen control panel, a weighing scale, five push buttons including an Emergency Stop button and the power switches on the side.
- The Dump Master Lifter is a lifting device with safety features which loads samples up into the hopper of the crushing-splitting tower.
- The Crushing-Splitting module consists of a Boyd Crusher and our latest design of Linear Sample Divider.
- Two belt conveyors for transferring sample and waste respectively.
- The CRM-RSD with a double tier Head provides a fine product and an accurate split.
- Sensors are used in this System to maintain safety and to control various moving components.
- Sensors are also used to control the movement of the LSD, splitting an accurate percentage according to the weight input from the scale at the beginning of the process.
- All processes are controlled by PLC.
- Throughout the whole process, the dust in the System is minimised by air suction. There are a total of seven air suction points located in the system where fine dust is most likely to be produced.