



Decide with Confidence



STAR TRACE[®]
PRIVATE LIMITED

LABORATORY MINERAL SEPARATOR



www.startraceld.com

Single Source

**Incorporated testing, design engineering, fabrication,
and services to confirm tailor-made total systems**

INTRODUCTION

Star Trace offers a range of products which are widely used across various laboratories and also hold diverse industrial applications.

These wide range of products are manufactured according to industrial quality and standards.

Backed by our excellent engineering and quality control team, we are able to satisfy the client requirement for various engineering products all over the world.

With more than 20 years of experience in this field, we have been supplying technically accurate and superior products to our clients and have catered to the requirement of variety of sectors and clients.

LABORATORY MINERAL SEPARATOR

For quick and efficient separation of mineral grains having close specific gravity over a wide size range.

The unit is provided with easily interchangeable Stainless Steel Trays to allow for both coarse and fine particle separations. After placing the wetted sample on the tray, the cyclic motion mobilises the mineral particles enabling stratification to take place.

Reciprocating horizontal movement of the tray ensures effective separation.

The heavy minerals sink to the tray surface and are thrown up stream by the end Knock action. The lighter minerals are carried downstream by the flow of irrigation water and discharged via the tailings launder.

The unit has flexibility for adjusting the inclination and speed.

Choice of "V" profile tray (for separations in 1000 to 100 micron size range), Flat Tray (for separations in 100 to 10 micron size range) is available.

APPLICATION

Best suited to obtain data on higher sp. Gr. Ranges.

Fast assessment for gravity concentration performance.

50-100 grams sample can be tested at a time. Power requirement: 2 pole, 6 Amp MCB (Single Phase with earthing) AC, 50/60Hz, 230 V, Motor: 0.37 Kw, (0.5 HP), 1415 rpm.

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