



Decide with Confidence



**STAR TRACE**<sup>®</sup>  
PRIVATE LIMITED

# LABORATORY SPIRAL TEST RIG



[www.startraceld.com](http://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.

## SPIRAL TEST RIG FEATURES

Standard sump/pump rig consists of:

- ▶ 400 liter sump (Tank)
- ▶ 1 each: 12-way slurry distributor, Y-Splitter and 1½ x 1 slurry pump
- ▶ Miscellaneous Plumbing
- ▶ A product sampling device to manually sample multiple products from one spiral simultaneously
- ▶ Safety ladders and hand rails
- ▶ Structural spiral support frame
- ▶ Support frame can be disassembled for easy shipping
- ▶ Spirals sold separately

Power requirement:

3 HP, 4 pole, 1415 rpm, 3 phase, 415V.

Model	Unit	STS-600	STS-400
Screw diameter	mm	600	400
Spiral size	mm	360	240
Spiral in the first few		2	2
Each of the first few	Film	5	5
Feed size	mm	0.3	0.3
Feed density	%	20-40	20-40
Caparating size	t/h	0.8-1.2	0.1-0.2
Overall dimensions	mm	800/800/2730	760/760/1500
Weight	kg	120	80

## Single Source

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