

**thermoSTIR™**

**INTRODUCTION**

In textile laboratories, chemicals & solutions need to be heated & simultaneously stirred for the analysis & processing of textile fibers, yarns, fabrics & chemicals. Paramount, **thermoSTIR™**, has been developed to fulfill the particular demand of textile labs, College & Universities to serve that particular purpose.

**EQUIPMENT**

Paramount **thermoSTIR™** is made of mild steel with specially designed Teflon coated heating plate for long life & durability. A powerful rotating magnet is provided under the heating plate, which rotates the Teflon coated magnetic paddle inside the liquor for continuous stirring. A special thermostat is provided to control the heat transfer rate. The stirring rate can also be regulated by the speed regulator knob.

**SALIENT FEATURES**

- Specially designed equipment to heat solutions with simultaneous stirring option.
- Teflon coating on heating plate gives long life of the plate.
- Magnetic paddle supplied is coated with Teflon to tolerate high temperature & chemicals to be heated.
- With thermostat to regulate heat transfer rate.
- Temperature ambient up to 100°C.
- Latest design & portable in size.
- Complete with all accessories –two 500ml beakers, dust cover etc.
- Supplied with conformance & inspection certificates.



**thermoSTIR™ is supplied complete with below accessories.**

Main Unit	: 01 No.
Calibrated Borosil Glass Beaker (500 ml.)	: 02 Nos.
Teflon Coated Magnetic Paddle	: 01 No.
This User's Manual	: 01 No.
Calibration Certificate (Traceable to NPL)	: 01 No.
Inspection & Conformance Certificate	: 01 No.

**TECHNICAL DETAILS**

Temp. Range	: 0 - 100°C , L/C : 5°C
Stirring Paddle	: 1 No( Teflon Coated).
Size of Stirring Paddle	: φ 9 x 35mm
Energy Regulator	: Manual
Solid State Electronic Speed Controller	: 1 No.
Over all Dimension of the Unit	: 190 (L) x 190 (W) x 180 (H)mm.
	: 7.5" (L) x 7.5" (W) x 7" (H) Inch.
Net Weight of the Unit	: 5.5 Kg. (12.1 lb)