

**Purpose :**

This test method covers determination of the changes in the consistency, as measured by cone penetration, of lubricating greases when worked in the roll stability test apparatus. Simulates the effect of squeezing grease between the rollers and the outer race of a roller bearing.

**Construction Details**

Specially designed for long runs at elevated temperature (50°C). Can go beyond 50°C on special request from customer end at extra . Excellent heat uniformity due to fan assisted air circulation  
Factory adjusted overheat cut-off system  
Automatic cut-off whenever cover is lifted  
Heaters and drive chain mechanism are shielded for operator safety.  
Stainless steel cylinder containing the test grease  
Fitted with stainless steel roller which rotates within the cylinder  
Base with roller supports allowing the rotation  
Adjustable rotational speed with RPM Display  
Delivered with 2 rolls, 2 cylinders, tools for closing and opening cylinders  
Insulated steel cabinet and base are finished with a durable polyurethane enamel finish



**Included Accessories**

- 1) Test Cylinders with threaded end caps and O-ring seals
- 2) Test Rollers, steel, 5kg

Technical Specifications	
Capacity	Up to 2 cylinders
Rotational Speed	10 to 200 RPM
Working Temperature Range	Ambient to 50 °C
Temperature Display	LED Display
Temperature Control	Microprocessor based Auto Tune PID Digital Temp Controller cum Indicator
Temperature Accuracy	± 0.1 °C
Temperature Resolution	0.1 °C
Temperature sensor	Pt - 100
Operating Voltage	110/120V, 60Hz 220/240V, 50Hz
Roller Size	ID. 60.33 ± 0.25 mm Length 176.21 ± 0.25mm
Cylinder Size	ID. 90.09±0.25 mm Length 180.18 ± 0.25mm
Weight Of Roller	5 Kg ± 50 grams
Power	1.8 kW
Weight	68 kg

Note: Specifications are subject to change.