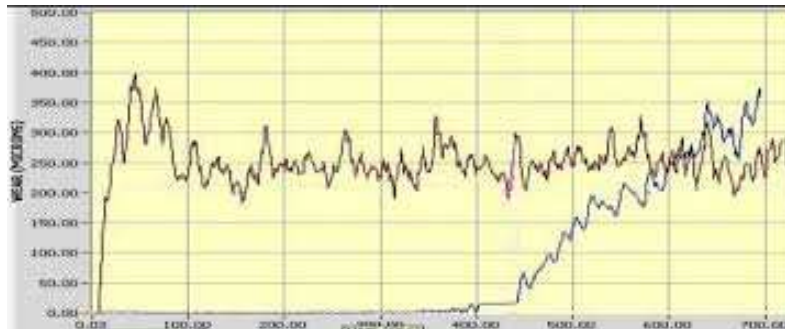


TRIBOLOGY TESTING CENTRE

PIN ON DISC TRIBOMETER

- Standard : ASTM G99
- Pin size : Dia-3, 4, 6, 8, 10 & 12 mm; 25 to 30 mm long
- Disc Size : Dia - 165mm, 8mm thick
- Wear track dia: 50 to 100mm
- Disc rotation : 200 - 2000rpm
- Sliding speed : 0.5 to 10 m/s
- Normal load : 5 to 200N
- Temperature : Ambient - 400° C



Computerized Result Output

Make: DUCOM

Model: TR-20LE-PHM-400

FEATURES:

Pin on Disc Tribometer is capable of conducting test for evaluation of coefficient of friction, Frictional force and wear on metals & Non metals for both dry and lubricated condition under sliding contact

- **Consultancy Charge: ₹ 1000 per hour**

For further details please contact: Dr. S. Arumugam, Associate Professor
Phone: 9994699223, Mail id: aru_amace@yahoo.co.in
Web: www.kanchiuniv.ac.in

TRIBOLOGY TESTING CENTRE

FOUR BALL WEAR TESTER

Four ball wear tester is used to determine wear preventive (Anti Wear) properties (WP), Extreme pressure properties (EP) and friction behaviour of lubricants and Greases.

In Wear Preventive (WP) tests – Average scar diameter on the bottom three balls is reported. The size of the scar shows the ability of the lubricant to prevent wear.



- Standard: **ASTM D2266, ASTM D4172, ASTM D2783, D2596 & IP 239**
- Speed: **300 to 10000rpm**
- Axial load: **10,000N**
- Temperature: **Ambient to 120°C**
- Test ball Dia: **12.7 mm**
- Scar range: **0.01 to 4mm**



Make: DUCOM

Model: TR-30L-IAS

FEATURES:

Four-Ball wear tester is capable of conducting tests for Wear, Extreme pressure and co-efficient of friction according to ASTM and IP standards for both grease and lubricants

- **Consultancy charge: ₹ 2000 per sample**

For further details please contact: Dr. S. Arumugam, Associate Professor
Phone: 9994699223, Mail id: aru_amace@yahoo.co.in
Web: www.kanchiuniv.ac.in

TRIBOLOGY TESTING CENTRE

Requisition form for Pin on disc tribometer

Name :
Category : Student/Faculty/Research Scholar/Industry
Department :
University/Institution/Organization:

Email id :

Mobile Number :

Purpose :

Number of samples :

Details of samples :

(Mention input & output parameters/Standard)

Total Amount :DD No:..... Date:.....

Name of the Bank:.....

(Demand Draft is drawn in favour of “The Registrar, SCSVMV University”)

Sample ID :

Customer Signature

(Note: Results will be send only through mail)

TRIBOLOGY TESTING CENTRE

Requisition form for Four ball wear tester

Name :
Category : Student/Faculty/Research Scholar/Industry
Department :
University/Institution/Organization:

Email id :
Mobile Number :
Purpose :
Number of samples :
Details of samples :
(Mention input & output parameters/Standard)

Total Amount :DD No:..... Date:.....

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