



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

LEAKAGE TENDENCIES TESTER - ASTM D1263 - FOR WHEEL BEARING GREASE



Compliance Standards

ASTM D1263, FTM 791-3454

Applications

Evaluates the tendency of automotive wheel bearing grease to separate oil and/or grease under prescribed laboratory conditions. The test is performed at elevated temperature in a modified automotive spindle-hub assembly rotated at 660rpm. Any leakage of oil or grease during the test period is collected and weighed.

Salient Features

- Enamel finished benchtop, heavy-gauge steel case.
- Powder coated in attractive shades
- Hinged shield with thermal insulation.
- Safety switch that stops the motor and the heating, when the shield is open.
- Stainless steel bearing spindle fixed to the body with insulating spacers.
- Supplied complete with Jacket for ASTM 7C spindle thermometer. (**Thermometer ports in the spindle and the cabinet allow for precise setting and monitoring of test temperature.**)
- 1/3 HP electric motor with metal shaft extension, drive pulley and fan built exactly as prescribed by the ASTM D 1263 test method. Stainless steel hub with pulley and leakage collector.
- The motor is mounted on an adjustable support to permit tightening the pulley.
- Complete with Stainless steel heaters.
- Temperature control through PROGRAMMABLE LOGIC CONTROLLER & TOUCH SCREEN HMI DISPLAY.
- Comes with overheating protection and safety thermostat
- Wide temperature range.

Technical Specification

•Temperature controller	: Programmable logic controller and Touch screen HMI Display
•Temperature Range	: Ambient to 150 °C
•Temperature sensor	: PT-100 Sesnsor
•Temperature Accuracy	: ± 1 °C
•Temperature Resolution	: 0.1 °C
•Temperature Display	: In built within HMI Touch Display
•RPM Indication	: In built within HMI Touch display
•Digital Timer	: In built in HMI Touch Screen
•RPM Range	: 0-999 RPM
•Heating elements	: 1 KW
•Safety device	: Safety Thermostat, Overshoot and Undershoot protection

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