



AUTOMATIC HIGH TEMPERATURE DROPPING POINT APPARATUS

Automatic High Temperature Dropping Point Apparatus TT-2265Z

Automatic High Temperature Dropping Point Apparatus TT-2265Z complies with the ASTM D2265 Standard Test Method for Dropping Point of Lubricating Grease Over a Wide Temperature Range.

Automatic High Temperature Dropping Point Apparatus TT-2265Z is designed to determine the dropping point of lubricating grease and tests dropping points of lubricating greases at temperatures up to 400°C.

APPLICATIONS

The Torontech TT-2265Z fully automates the determination of high-temperature dropping points for lubricating greases per ASTM D2265. By leveraging infrared scanning, a rapid heating module, and automated calculation and printing, this instrument delivers exceptional efficiency and repeatability for tests up to 400°C. Its seamless data integration capabilities make it an ideal solution for modern laboratories focused on high throughput and data integrity, minimizing operator intervention and maximizing productivity.

This automated analysis is critical for process control and R&D in several high-tech sectors:

- **Automotive & Aerospace R&D:** Accelerating the development and validation of advanced synthetic greases for high-performance applications where thermal stability is a critical design parameter.
- **Lubricant Manufacturing:** Implementing high-throughput quality control on production lines to ensure every batch of high-temperature grease meets precise specifications before shipment.
- **Polymer & Chemical Processing:** Performing quality assurance on specialty greases used in high-temperature reactors, extruders, and molding equipment to prevent costly failures.
- **Power Generation & Heavy Industry:** Facilitating predictive maintenance and incoming material verification by providing fast, reliable, and traceable data on lubricants for turbines, generators, and mill bearings.

FEATURES

- Fully automated control of the experimental process, featuring a user-friendly human-computer interaction interface for convenient operation.
- Designed with a high-power heating module, ensuring rapid heating for significantly improved detection efficiency.
- Equipped with automatic printing, calculation, and printing functions for enhanced convenience.
- Incorporates both indicator lights and buzzer alarm functions, allowing for human intervention as needed.
- Unique groove design in the tube slot for easy retrieval.
- Constructed from high-quality stainless steel, featuring an attractive and durable structure.
- Includes data interfaces for seamless integration with information systems, enabling direct connectivity.

TECHNICAL SPECIFICATIONS

1. Power Source: AC 220V $\pm$ 10% 50Hz (110V also available)
2. Power: 1500W
3. Detection Mode: Infrared Scanning
4. Screen: LCD
5. Alarm Mode: Audible and Visual Alarm System
6. Print Mode: Thermal Printer
7. Ambient Requirements: Temperature 10 $\square$ 40 $^{\circ}$ C; Humidity $\leq$ 85%



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