



Automatic Dropping Point Tester for Lubricating Grease

STANDARDS

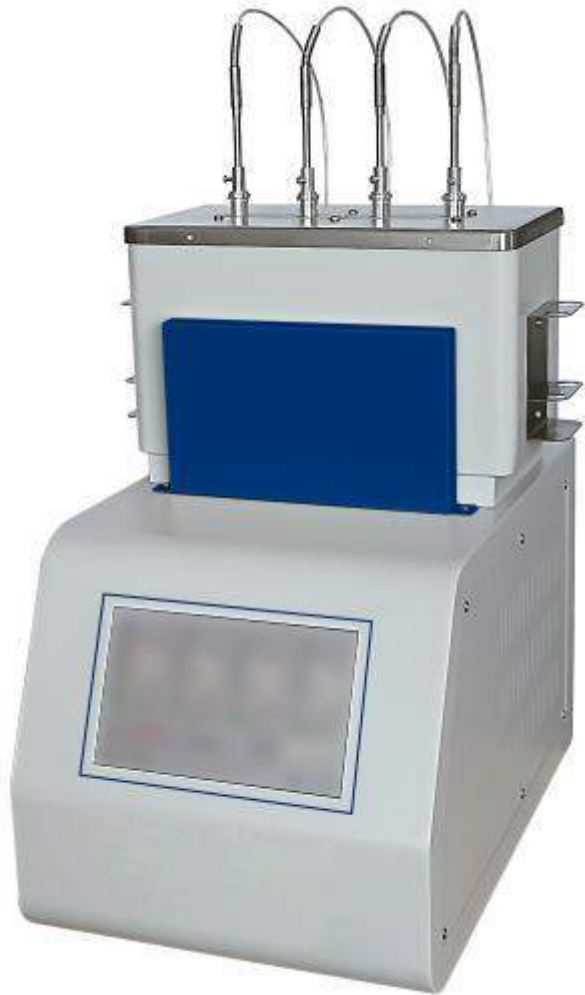
ASTM D2265

APPLICATIONS

Automatic Dropping Point Tester for Lubricating Grease

QualiDPGT™-D2265 is a fully automated, high-precision dropping point tester engineered for determining the dropping point of lubricating grease over a wide temperature range, in accordance with ASTM D2265. This advanced testing system integrates real-time detection, multi-hole testing, and PID-controlled metal bath heating for rapid and reproducible results.

Ideal for grease manufacturers, petrochemical labs, and quality control facilities, the QualiDPGT™-D2265 uses fiber optic sensor technology and a color touchscreen interface to ensure high accuracy, reliability, and user convenience—making it the perfect solution for characterizing grease thermal stability and performance.



Applications

- Evaluation of dropping point for lubricating greases across automotive, industrial, and aviation applications
- Quality assurance in grease formulation and manufacturing
- R&D testing of high-performance and synthetic greases

Optimize your grease testing operations with the QualiDPGT™ -D2265 Automatic Dropping Point Tester for Lubricating Grease – the precise, automated, and ASTM D2265-compliant solution for dropping point determination. Contact us today for pricing

FEATURES

Automatic Dropping Point Tester for Lubricating Grease Key Features and Benefits

- **ASTM D2265 Compliance:** Conforms to the international standard for determining the dropping point of lubricating grease.
- **Simultaneous Multi-Sample Testing:** Supports up to 4 test holes, with individual fiber optic sensors for parallel monitoring and timed measurement.
- **Wide Temperature Range:** Covers from ambient to 350°C, suitable for both standard and high-temperature grease formulations.
- **High-Accuracy Control:** Metal bath heating with $\pm 0.5^{\circ}\text{C}$ temperature precision, managed by advanced PID auto-tuning.
- **Real-Time Monitoring:** Each test port features a fiber optic sensor for real-time sample status detection and accurate timing.
- **User-Friendly Operation:** Features an English-language color LCD touchscreen with intuitive navigation and fully embedded operating software.
- **Automated Test Sequence:** Integrates heating, detection, timing, and result recording into a single automated process for maximum efficiency.

TECHNICAL SPECIFICATIONS

Automatic Dropping Point Tester for Lubricating Grease Technical Specifications

Specification	Details
Number of Test Holes	4
Temperature Range	Ambient to 350°C
Temperature Accuracy	±0.5°C
Preset Temperature Points	121°C, 232°C, 288°C, 316°C, 343°C
Power	1000W
Voltage	AC 220V ±10%, 50 Hz (110V is also available)
Dimensions	410 × 260 × 600 mm
Weight	16 kg



ADVANCED TESTING TECHNOLOGIES

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Connect with us

Contact our **QualiTeam** today to find out how we can help your organization **select the most suitable testing solution** for your application, requirements, and budget.

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