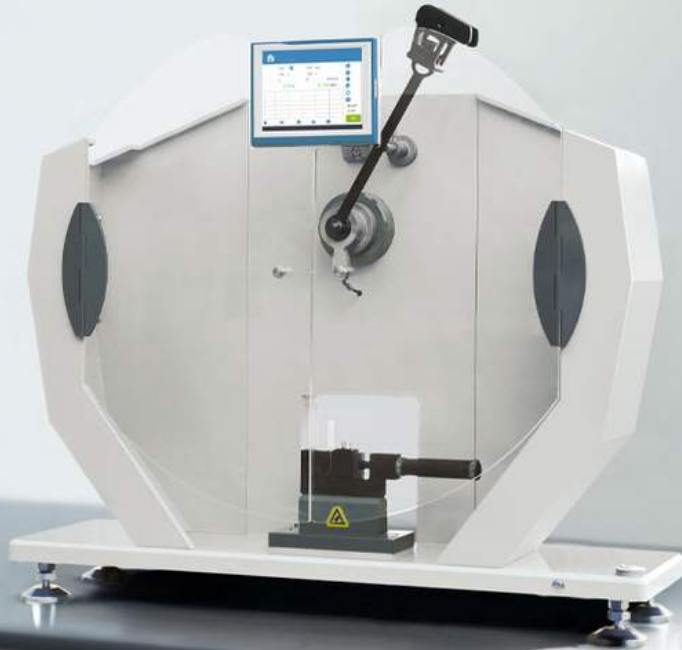


QUALITEST
ADVANCED TESTING TECHNOLOGIES



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QUALITEST™

**PLASTICS IZOD IMPACT
TESTER - QUALI5.5J™
AND QUALI22J™**



STANDARDS

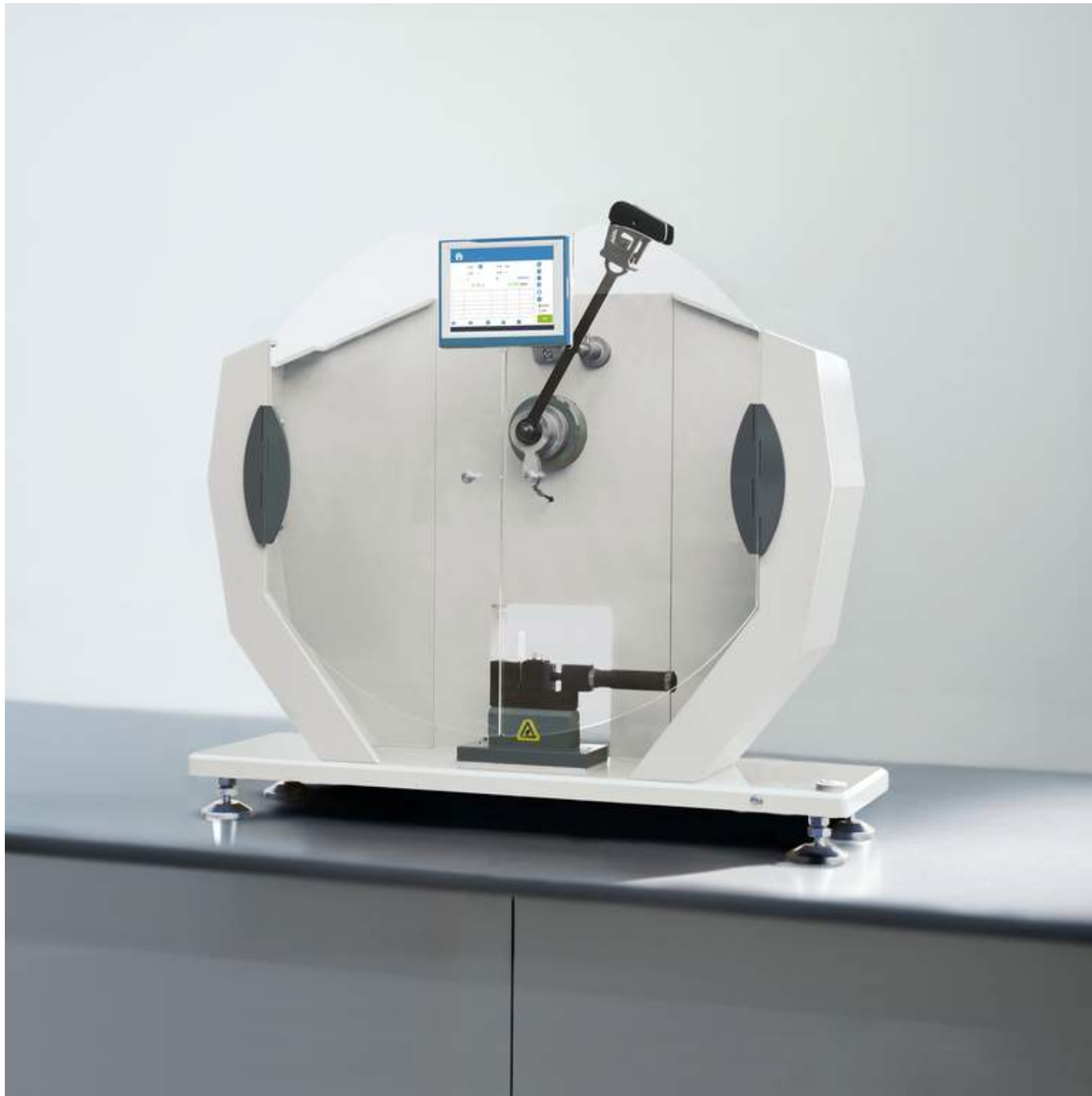
ASTM D256

ISO 180

APPLICATIONS

Plastics Izod Impact Testers - Quali5.5J™ and Quali22J™ Series

Qualitest offers the Plastics Izod Impact Tester in two advanced models, Quali5.5J and Quali22J, designed for accurate and repeatable Izod impact testing of thermoplastic materials. These testers conform to ISO 180 and ASTM D256 standards, ensuring compliance with international testing requirements.



Understanding ISO 180 & ASTM D256 Standards

The ISO 180 and ASTM D256 standards define the procedures for determining the Izod impact strength of plastics under controlled conditions. These methods evaluate the amount of energy a material absorbs during fracture, providing essential data for assessing toughness and durability. These tests are widely used in quality control and material development across industries.

Model Variants & Energy Levels

- Quali5.5J – Ideal for lower-energy impact testing, featuring selectable energy levels of 1, 2.75, and 5.5 Joules.
- Quali22J – Designed for higher-energy impact testing, offering energy levels of 11 and 22 Joules.

Both models operate at a pendulum speed of 3.5 m/s, providing standardized and reliable impact measurements.

Applications of Plastics Izod Impact Tester

The Quali5.5J and Quali22J models are widely used across various industries, including:

- Plastics Manufacturing – Ensuring the impact strength of injection-molded and extruded plastic components.
- Automotive & Aerospace – Assessing the durability of plastic materials used in structural components.
- Research & Development – Providing critical data for material comparison and product enhancement.
- Educational Institutions – Used in universities and laboratories for material science studies and practical training.

Why Choose Qualitest's Plastics Izod Impact Testers?

- Conformance to ISO 180 & ASTM D256 Standards – Meeting global testing requirements for precise Izod impact testing.
- Automatic Calibration of Energy Losses – Enhancing measurement accuracy and consistency.
- User-Friendly Touchscreen Interface – Streamlining test operations for increased efficiency.

- Versatile Energy Levels & High-Speed Testing – Accommodating a wide range of material strengths.
- Trusted Worldwide – Preferred by industry professionals and laboratories for its reliability.

For high-performance Plastics Izod Impact Testers, choose Qualitest's Quali5.5J and Quali22J models.

FEATURES

Key Features for Precise Testing

Both the Quali5.5J and Quali22J models come equipped with cutting-edge touchscreen panels, offering a user-friendly interface for simplified operation. The digital display provides automatic calibration of energy losses, ensuring high accuracy and repeatability. These models are recognized globally for their precision, ease of use, and superior performance.



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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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