

Flip Cap Opening Tester



Product Info :

Flip Cap Opening Tester is a specialized instrument designed to measure the force required to open flip-top caps or lids commonly found on a variety of consumer product packaging. These products include beverages, condiments, health and beauty products, and pharmaceuticals. The primary purpose of this tester is to ensure that the caps can be easily opened by consumers while still providing a secure seal to protect the product's integrity and prevent leakage or contamination. The **Flip Cap Opening Tester** plays a crucial role in the research and development phase of product packaging. Manufacturers can use the detailed feedback provided by the tester to innovate and refine the design of flip caps, optimizing the balance between security and ease of access. This iterative process allows for the development of packaging solutions that not only meet but exceed market expectations.

The ability to accurately measure and adjust the opening force of flip caps helps in reducing the risk of product recalls, enhancing brand reputation, and ensuring a positive user experience. By incorporating data from the **Flip Cap Opening Tester** into their design process, companies can create more user-friendly packaging that appeals to a wider audience, including those with limited dexterity, thus broadening their market reach.

The **Flip Cap Opening Tester** assists in this arena by helping to design more sustainable packaging options. By optimizing the material used in flip caps and ensuring they can be opened with minimal effort, companies can reduce material waste and improve the recyclability of their packaging. This not only aligns with global sustainability goals but also resonates with eco-conscious consumers, enhancing the product's appeal.

Technical Data :-

- Capacity: 100 Kg
- Least Count: 10 grams
- Digital Force Gauge: Imada or equivalent
- Operating Motor Requirements: ¼ HP Single Phase 220 / 110 V AC Supply
- Display of Test Results: Digital (LED or LCD)
- Accuracy/Tolerance: ± 2% of Full Scale

Features : -

- **Precision Measurement:** Utilizes advanced sensor technology from Pacorr to provide accurate and reliable opening force measurements.
- **User-Friendly Interface:** Features an intuitive touchscreen interface for easy operation and data analysis, designed with Pacorr's commitment to user experience.
- **Versatile Application:** Compatible with a wide range of flip cap sizes and designs, making it perfect for various industries including cosmetics, pharmaceuticals, and food and beverage, showcasing Pacorr's versatility.
- **Data Logging:** Equipped with robust data logging capabilities for tracking and analyzing performance over time, a testament to Pacorr's dedication to innovation.
- **Durable Construction:** Built to last with high-quality materials, ensuring long-term reliability in demanding testing environments, reflecting Pacorr's commitment to quality.

Our Valuable Customer



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