

# Hoverboard Testing

## Ensuring Safety in Self-Balancing Scooters

**Intertek**

Valued Quality. Delivered.



Sensationalized by celebrities and coveted by children and adults alike, hoverboards were considered among the most highly desired, innovative products to hit the market. However numerous safety issues with the devices have created uncertainty about their viability in the marketplace. Incidents of fire and explosion with these self-balancing scooters have led to bans from airlines, cities restricting where they can be used, and retailers pulling the products from their shelves. This has brought about a call to action on the part of distributors, retailers, and manufacturers to demonstrate compliance with voluntary standards, ensuring the quality and safety of their hoverboards.

Intertek, working in partnership with manufacturers and regulatory authorities, provides comprehensive solutions to the hoverboard industry that will not only meet regulatory requirements, but will provide the opportunity to secure their place in the global retail space.

Through our 360° suite of services, Intertek offers solutions for the hoverboards themselves, their batteries, battery packs, software, chemicals, labeling, packaging and more.

### ***Intertek provides end-to-end solutions for compliance with CPSC and retailer requirements***

- Physical Property Testing
- Chemical Testing
- UL 2272 (Outline of Investigation for Electrical Systems for Self-Balancing Scooters)
- Battery Testing
- Battery Charger Testing
- Battery Pack Testing
- Software Testing

### ***Capabilities for the EU Market***

- Charging Circuit Evaluation for Overcharge Protection
- Risk Assessment
- Battery and Battery Pack Evaluation
- Charging Circuit and Battery Charger Evaluation – EN/IEC 60335-2-29
- Other Parts of the Electrical System – EN/IEC 60950-1
- Mechanical Evaluation – Machinery Directive 2006/42/EC Annex I

Intertek is a Nationally Recognized Testing Laboratory (NRTL) accepted by all regulators, major retailers and distributors and can test to UL 2272 (Outline of Investigation for Electrical Systems for Self-Balancing Scooters).