

## Dynamic Strength Tester & 2 m/s Tester GT-M19

### Product Introduction

#### Application:

This Dynamic Strength Tester is mainly used to test the dynamic strength of wheeled ride-on toys.

Can simulate driven toys vertically hit the inelastic step in a steady speed of  $2\text{m/s} \pm 0.2/\text{s}$ , then observe the damaged condition. Applied to toy bicycles, scooters, roller-skate and etc.

#### Standards:


EN71-1

ASTM F963

ISO 8124-1

GB 6675

### Dimensions

| External Dimensions:     |  |
|--------------------------|--|
| 4700*1200*2100mm(L*W*H)  |  |
| Package Dimensions:      |  |
| #1 2470*840*660mm(L*W*H) |  |
| #2 1550*650*660mm(L*W*H) |  |
| Gross Weight:            |  |
| #1 358kg                 |  |
| #2 245kg                 |  |
| Net Weight:              |  |
| 555kg                    |  |

### Key Specifications

|                                   |   |
|-----------------------------------|---|
| Model                             | GT-M19  |
| control method                    | PLC Touch screen control  |
| Drive mode                        | Motor drive   |
| Test speed                        | 2m/s  |
| Non-resilient step height         | 50mm  |
| Weights protection frame material | Aluminum profile  |
| Standards Accessories             | GT-MA19 Load A and Load B   |
| Optional accessories              | GT-MA16 Loads for stability test for ISO 8142-1 section 5.24.4 and GB 6675 section 5.24.4<br>GT-MA21 Static strength test load for ASTM F963 section 8.20<br>GT-MA20 Test platform block for EN71-1 section 8.22.3.3 and ISO 8124-1 section 5.27.3<br>GT-MB01 Sharp Edge Tester<br>GT-MB04 Sharp Point Tester |

### Application Industry

All kinds of wheeled ride-on toys can be tested on the Dynamic Strength Tester & 2 m/s Tester



Children bicycle



Toys car



Scooter