

TDG 50 Kg Shake Table

Technical and Mechanical
Comparisons with Quanser

SOFTWARE INCLUDED



Unmatched
Features



 **QUAKELOGIC**

1 - Unmatched Features of TDG 50 Kg Shake Table

Low-Cost

- High-cost benefit ratio
- Low-cost laboratory equipments for universities to support the hands-on learning
- Extendable warranty period

High Quality

- Fully integrated design (including controller and servo-driver)
- Dust protection, no open mechanical parts
- Rubber strips for damping and stabilization
- Easy and flexible installation with L brackets

Enhanced Performance

- High total mass capacity
- Large payload area and stroke
- Greater peak acceleration and velocity
- Large frequency bandwidth
- Compact and light-weight design
- IP-based, allowing for remote control

2 - Technical Advantages

Specification	TDG 50 Kg Shake Table	Quanser Shake Table II
Maximum Payload	32 kg	27.2 kg
Payload Area	500 x 500 mm	460x460 mm
Maximum Stroke	±100 mm	± 76.2 mm
Maximum Payload @1g	100 kg	34.7 kg
Maximum Acceleration @ 7.5 kg Load	4 g	2.5 g
Maximum Velocity @ 7.5 kg Load	800 mm/s	665 mm/s
Maximum Operating Frequency	25 Hz	10 Hz

3 - Mechanical Advantages



- Compact Economic Design
- Super Low-Friction Precision Linear Guides
- Integrated Limit Switch for Increased Safety
- Automatic Centering / Home Positioning
- Mounting Holes Grid on the Table
- Detachable Carrying Handle
- Anti-Dust Protection Accessories
- Detachable Mounting Accessories with Adjustable Positioning
- Rubber Strips for Damping & Stabilization
- Portable

4 - SEEING IS BELIEVING!



youtube.com/quakelogic

Visit our YouTube Channel to watch

- Performance of the shake table
- Training on its control software, EASYTEST

It will always be a pleasure to serve you, and we are here to help you!

For questions please don't hesitate to contact us at

support@quakelogic.net





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TO OWN ONE OF OUR SHAKE TABLES, CONTACT NOW

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