

DROP TESTER

DTS series

Drop Tester for Packaged Freight

DTS-50, DTS-80

This is a drop tester for packaging that has an air-driven cylinder and tension spring that functions by releasing the sample faster than the free falling speed, aiding the free falling of test sample. This system allows for a dramatic improvement in the falling posture of the test sample and a faster testing cycle. You can conduct accurate drop test using this model.

Features

- Specialized for packaged freight
- Wide range of test samples
- High Reproducibility
- Easy Maintenance for Long Term Usage
- Easy-to-Use Test Settings
- Simple Setting by Simple Construction

Compliance Standard

- JIS Z 0202
- JIS C 60068-2-31

Option for DTS

- Support Jig for corner/edge drop
- Basement for drop test at low height
- Safety installations
(Safety fence, Mat-switch, Photoelectric Sensor)
- Shock acceleration measuring device
Shock Manager(Model:SM-500)

Specification

Model	DTS-50	DTS-80
Specimen max weight (kg)	50	80
Specimen max size (mm)	W900 × D510 × H900	W900 × D575 × H900
Drop height range (mm) *	200 ~ 1200	200 ~ 1800
Operation with drop test	High-speed vertical & rotational motion	
Capacity (kg)	300	420
Size (mm)	W920 × D1480 × H1975	W1000 × D1750 × H2583
Power supply	AC200V, 3 phases, 5A	
Air pressure (MPa)	0.6 or more	0.7 or more

* Depends on standard specification (Maximum drop height can be custom)



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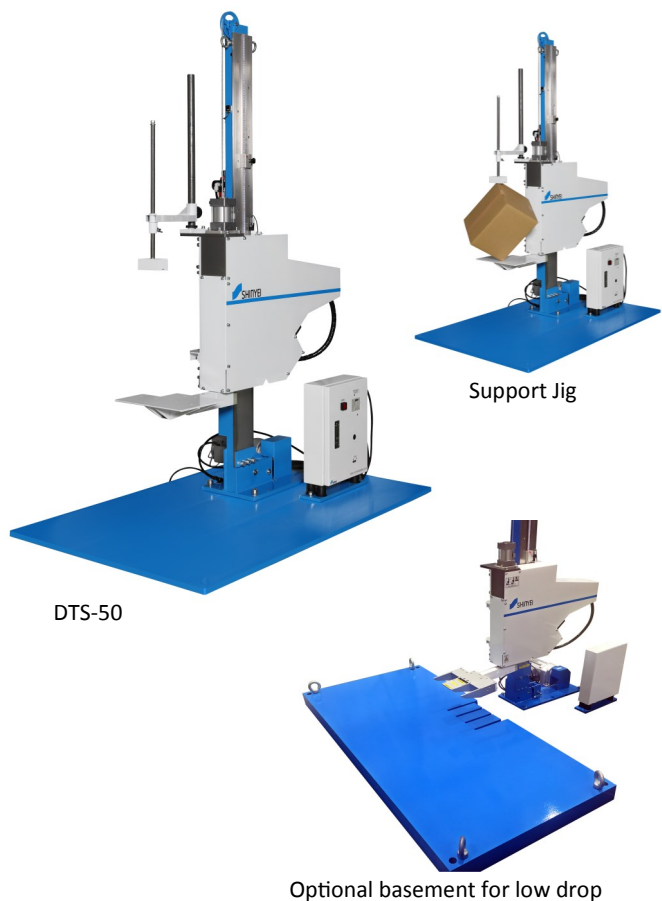
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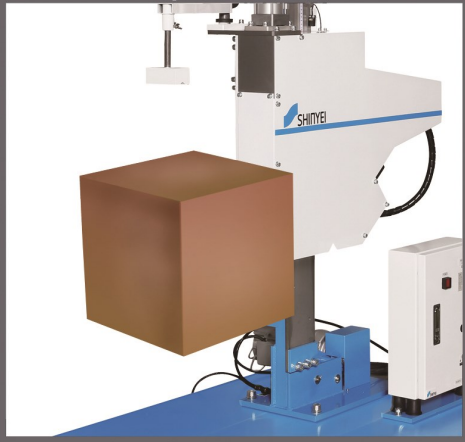
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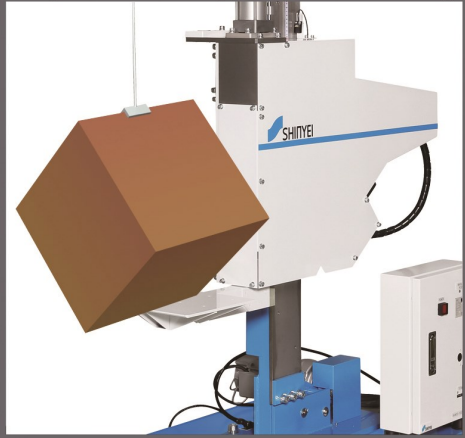
Options for DTS series

The desired falling posture can be set when using a jig (optional).

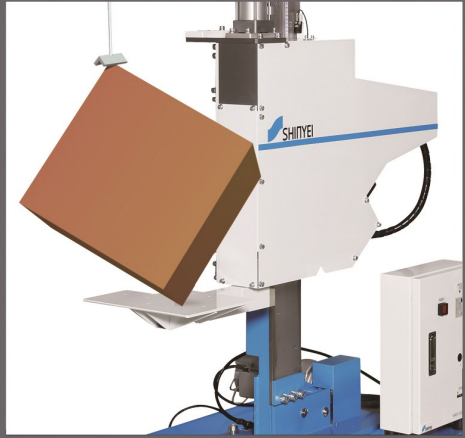
Standard drop test



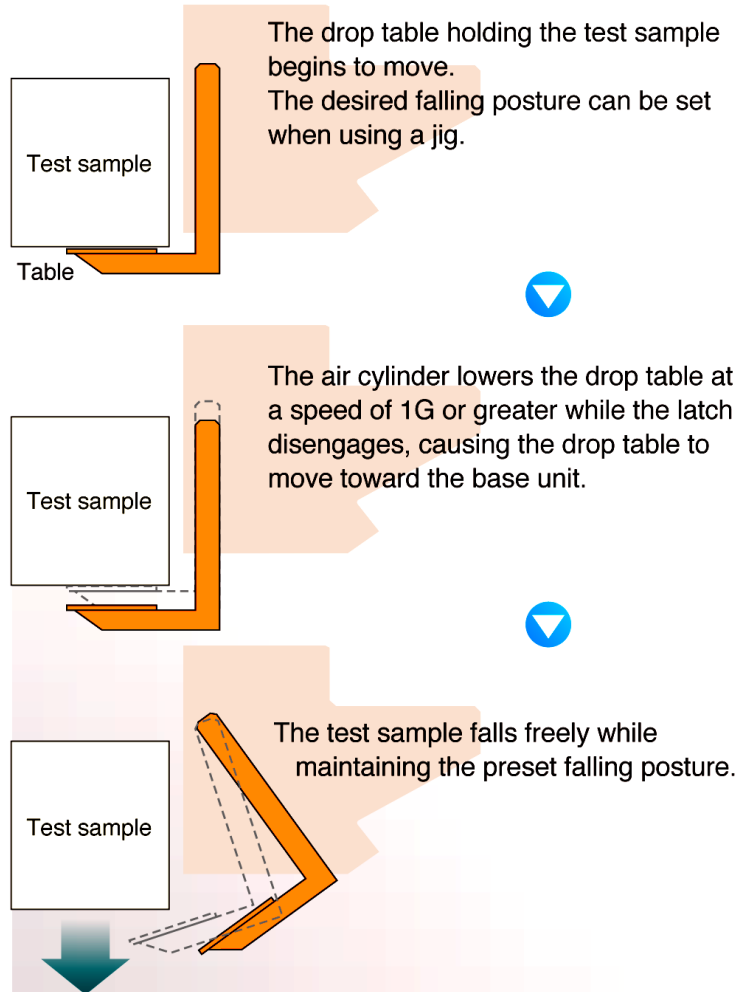
Drop test for dropping onto the edge



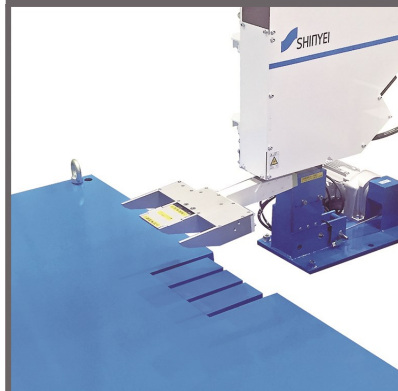
Drop test for dropping at an angle



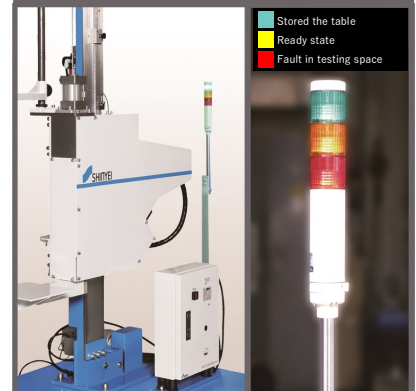
Accurate drop movement



Jig for drop testing at height of 100mm



Safety indicator light



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Specifications and information listed in this catalog are subject to change without notice.

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