



EUROAMERICA
TEST AND MEASUREMENT SOLUTIONS

ATD-LabTech Impact Test System

The Impact Test System consists of two components: the linear pendulum, and the automated *Test Bench*. Together, these components allow for repeatable, reproduceable, and efficient certification testing of ATD's and components.

- Impact Velocity: Up to 9 m/s (29.5 fps) with a 14 kg (30.9 lbs.) probe
- 4-axis CNC table for easy ATD positioning
- Laser integrated positioning
- Linear activation of impact probe
- Automatic catching of probe to prevent multiple impacts
- Capable of certifying (appropriate tests) for ALL ATD's and components on the market
- Permanent Velocity Validation – (4) independent sources of speed validation
- Velocity uncertainty < 0.05%
- Dimensions: 17.6 x 3.2 x 11 ft
- Power Supply: 400 V AC, 63A





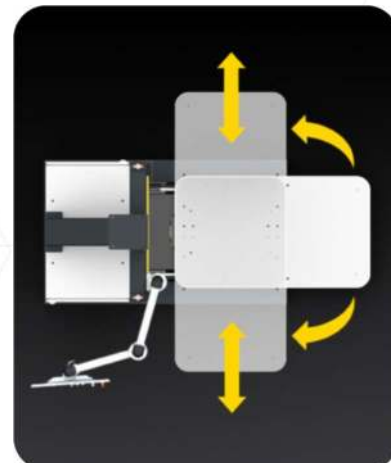
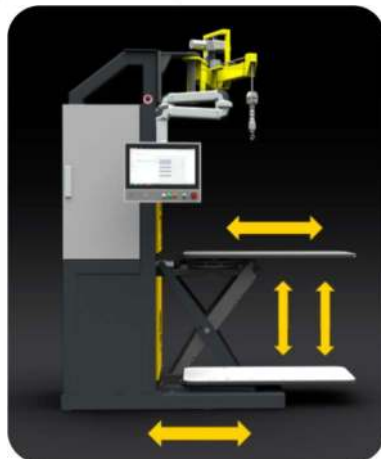
Additional Information

Test Bench



The automated test bench allows for operation and adjustment along four axes, creating high flexibility in relation to the significant number of dummy types and diverse testing scenarios. The easy and precise positioning can be done at the self-explanatory input module of the touch-panel monitor.

This system includes the handling of all coming ATD types and testing scenarios. The functionality of the test bench reveals various scopes of operation beyond the certification of dummies.



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