

PASSIVE SAFETY TEST SYSTEMS



ARIES offer turn-key solutions or the automotive testing industry:

- Laboratory definition and specification
- Civil works design and supervision
- Testing systems development and supply
- Commissioning and training
- Operation, maintenance and after-sales support

FIVE STARS SUPPLIER

- ★ 70% of TOP 10 OEMs
- ★ 500 systems delivered in +30 years
- ★ 7 Core competencies
- ★ 4 stages, FULL Follow-up from Design to Turnkey & Support
- ★ 40 countries installed and supported



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FULL SCALE CRASH TEST LABORATORY

Ideal for R&D, regulation compliance and evaluation, ARIES develops full-scale crash test laboratories for complete vehicle structure testing:

Frontal Impact – Side Impact – Rear Impact – Car-to-Car
Low Speed – Rollover – Integrated Sled

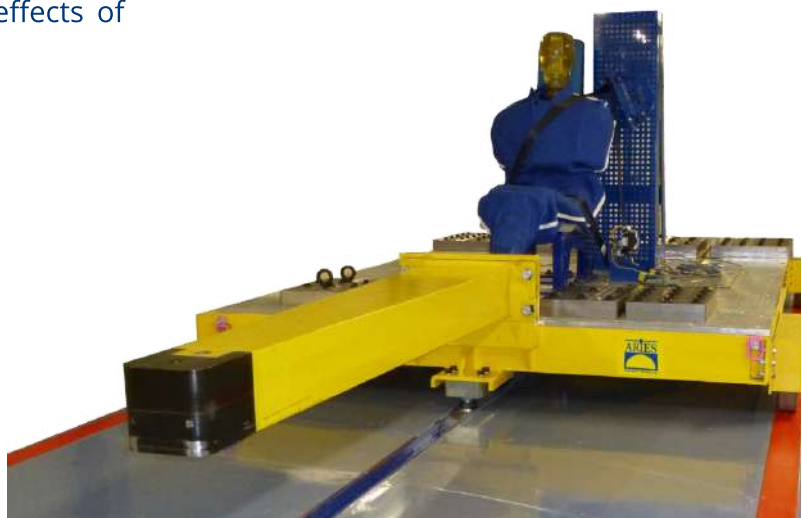


CRASH SIMULATION SYSTEM

ARIES' sled systems faithfully reproduce inertial effects of real crashes without destroying the vehicle.

Propulsion: AC Motor – Bungee Cords

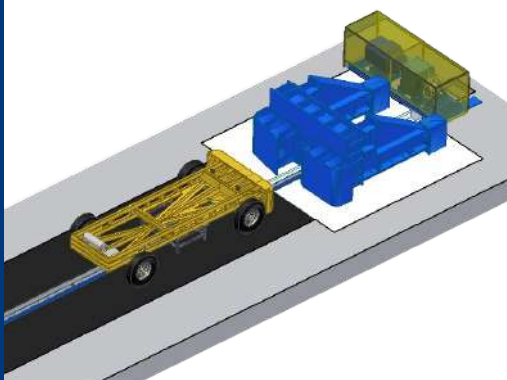
Deceleration: Bending Bar – PU Tubes



BUMPER TESTING FACILITIES

ARIES has developed various systems for bumper testing to comply with all international standards:

ECE - FMVSS – CMVSS - RCAR - IIHS- ALLIANZ -



LOW SPEED CRASH



BUMPER PENDULUM



GRAVITY IMPACTOR

IMPACTOR LAUNCHERS

ARIES' launcher family is designed to test pedestrian safety and components.



COMPACT LAUNCHER

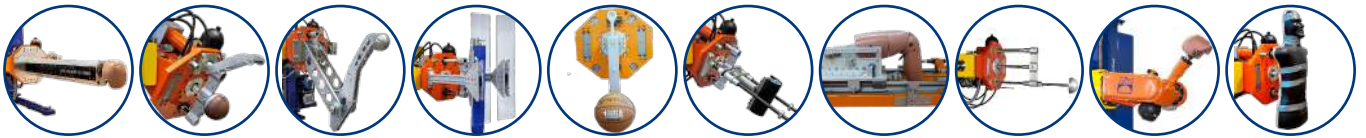


LITE LAUNCHER



UNIVERSAL LAUNCHER

The launchers are designed to have flexibility to install different impact modules: Ejection mitigation, free flight head form, interiors pendulum, leg forms, misuse, knee form, head forms, FMH...



OTHER TESTING SYSTEMS



SEAT BELT ANCHORAGE



SEAT AND HEAD RESTRAINT



STATIC ROLLOVER

AUXILIARY TESTING EQUIPMENT

ARIES offers integrated turn-key solutions for any passive safety laboratory. From full, multidisciplinary laboratories to auxiliary equipment integrated to existing facilities.

- LED lighting systems
- Speed meters
- Data acquisition systems
- High speed cameras
- Test carts



ARIES' WORLDWIDE PRESENCE



SOME OF ARIES' CUSTOMERS

