

ARIES LAUNCHER FAMILY



COMPACT



LITE



UNIVERSAL

Automotive pedestrian safety and components impact test system:

- Pedestrian safety, airbags, steering columns, seating components, dashboards, bumpers...
- Performs all international regulatory standard tests,
- Closed control loop ensures high speed and position accuracy
- Modular & flexible, easy set up
- User friendly software Customizable

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LAUNCHER FAMILY SPECIFICATIONS

		 Universal Launcher	 Lite Launcher	 Compact Launcher
Range of motion	X disp.*	3000 mm	Optional with bed plate	Optional with bed plate
	Y disp.*	2000 mm	2000 mm	Optional
	Z disp.*	2000 mm	1500 mm	1500 mm
	α rotation	Yes	Yes	No
	θ rotation	Yes	No	No
Max. speed		Up to 60 km/h		
Max. weight		Up to 100 kg		
Velocity precision		± 0.1 km/h		
Dimensions (LxWxH)*		5.5 m x 4.8 m x 3.6 m	3.7 m 2.7 m x 2.8 m	1.7 m x 2.1 m x 2.4 m

(*): Electrical propulsion and different technical specifications under request

ARIES' launchers comply with all the international testing protocols



OPTIONAL TESTING MODULES

		Universal Launcher	Lite Launcher	Compact Launcher
	LIGHT LINEAR GUIDED HEAD FORM	YES	YES	YES*
	HEAVY LINEAR GUIDED IMPACTOR MODULE	YES	YES	YES*
	SEAT AND INTERIORS PENDULUM	YES	YES	YES*
	BODY BLOCK	YES	YES	YES
	EJECTION MITIGATION	YES	YES	YES
	KNEE FORM	YES	YES	YES
	MISUSE	YES	YES	YES*
	FREE FLIGHT HEAD FORM	YES	YES*	-
	APLI LEG FORM	YES	YES*	-
	FLEX-PLI LEG FORM	YES	YES*	-
	UPPER LEG FORM	YES	YES*	-
	FREE MOTION HEAD FORM	YES	-	-

(*) Testing with this impactor could be limited. Please contact ARIES for further information and specifications

ARIES' WORLDWIDE PRESENCE



ARIES' LAUNCHER CUSTOMERS



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