

Automotive pedestrian protection and interior timings impact test system

- Pedestrian protection, airbags, steering columns, seating components, dashboards, bumpers...
- Performs under international regulatory standard tests

LAUNCHER FAMILY SPECIFICATIONS*

		Universal	Lite	Compact
Range of motion	X disp.	3000 mm	Optional with bed plate	Optional with bed plate
	Y disp.	2000 mm	1500 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)		5.5m x 4.8m x 3.6m	3.7m 2.7m x 2.8m	1.7m x 2.1m x 2.4m

*Different technical specifications under request

UNIVERSAL LAUNCHER

LITE LAUNCHER

COMPACT LAUNCHER



AVAILABLE TESTING MODULES

		Universal	Lite	Compact
	FREE FLIGHT HEADFORM	Yes	Yes*	
	UPPER LEGFORM	Yes	Yes*	
	FLEX-PLI LEGFORM	Yes	Yes*	
	APLI LEGFORM	Yes	Yes*	
	HEADFORM PENDULUM	Yes	Yes	Yes
	GUIDED HEADFORM	Yes	Yes	Yes
	BODY BLOCK	Yes	Yes	Yes
	HEAVY LINEAR GUIDED IMPACTOR MODULE	Yes	Yes	Yes
	MISUSE	Yes	Yes*	Yes*
	EJECTION MITIGATION	Yes	Yes	Yes
	KNEEFORM	Yes	Yes	Yes
	FREE MOTION HEADFORM	Yes		

*Testing with this impactor could be limited. Please contact ARIES for further information