

# AUTOMOTIVE BUMPER TESTING

## Safety testing of front and rear bumpers

- ARIES has developed and supplied complete turn-key systems and facilities for low speed crash testing.
- All low speed regulations: RCAR, IIHS, NCAP, ECE R42, FMVSS 581...

## BUMPER PENDULUM TEST DEVICE

### BUMPER PENDULUM SPECIFICATIONS\*

Adjustable weights	500 - 3000 kg (10 kg steps)
Adjustable center of gravity	
Adjustable weight and impact point of auxiliary cart	
Double impact avoidance brake	

(\* Different technical specifications under request)



## GRAVITY IMPACTOR TEST SYSTEM



### GRAVITY IMPACTOR SPECIFICATIONS\*

Adjustable weights	500 - 3000 kg (10 kg steps)
Combined with climatic chamber	
Double impact avoidance brake	
Adjustable speed of impact	

(\* Different technical specifications under request)

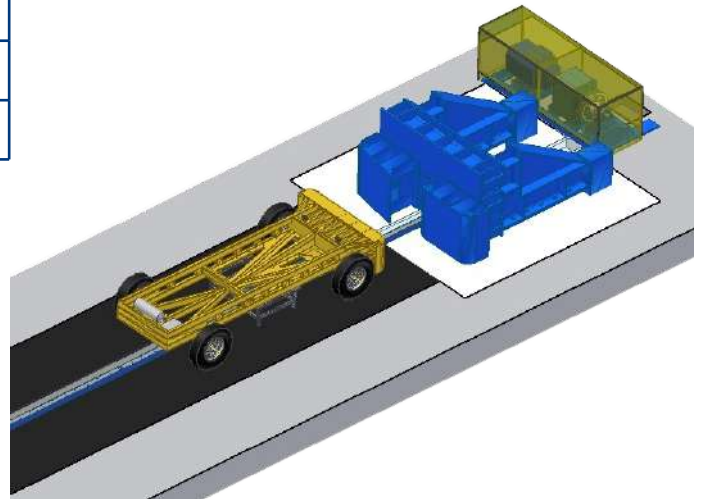
## LOW SPEED CRASH TRACK



### LOW SPEED TRACK SPECIFICATIONS\*

Vehicle speed	Up to 15 km/h
Vehicle weight	Up to 3000 kg
Track length	Down to 25 m
<b>Indoor and outdoor designs</b>	

(\*): Different technical specifications under request



## ADDITIONAL FEATURES

### SPEED METER



ARIES' speed meter is a reliable measuring device to precisely record testing speed.

### CRASH CARTS



ARIES' designs and manufactures any specific crash testing auxiliary cart

### LED LIGHTING



ARIES designs and supplies specific lighting systems for high speed recording for crash testing

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