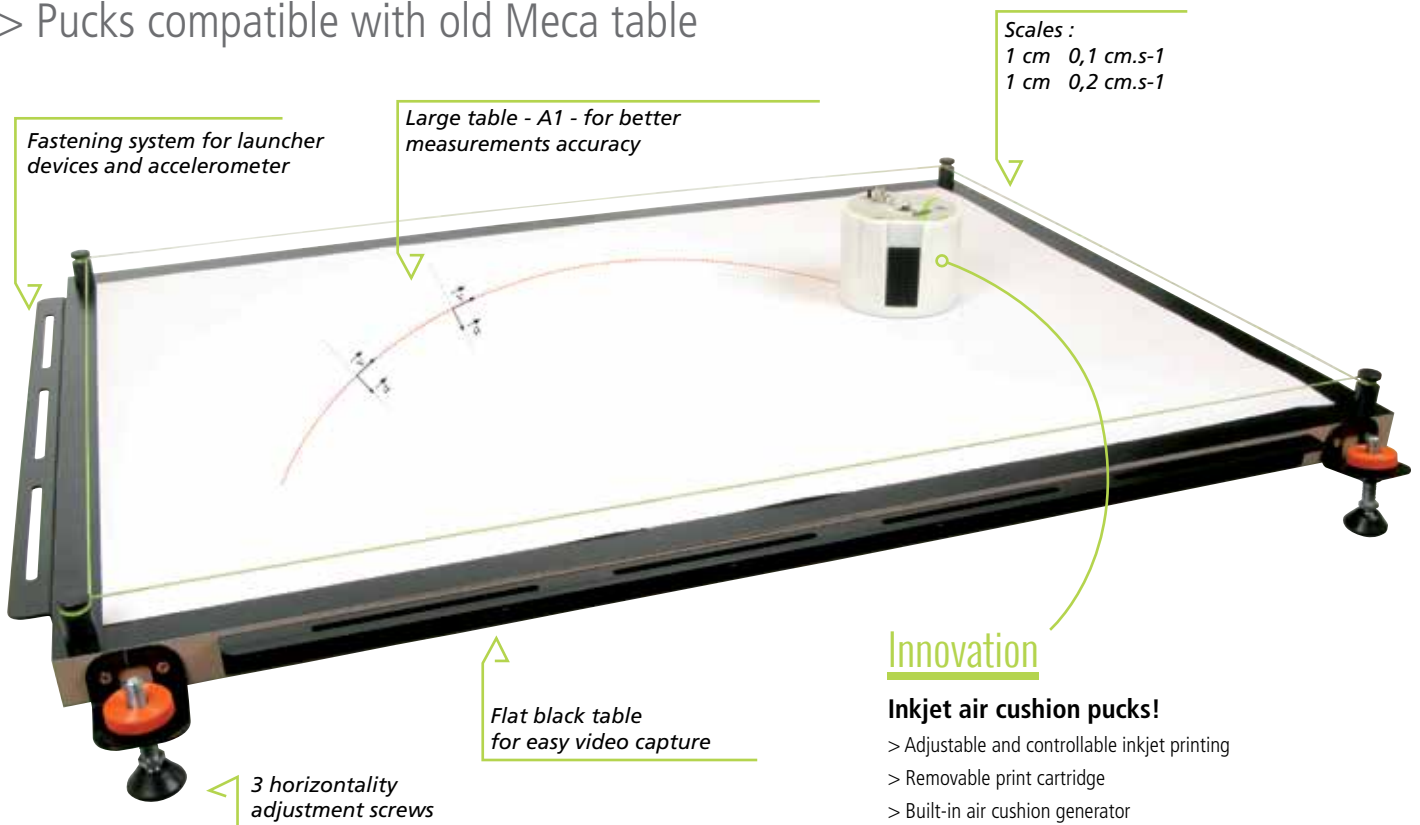


Meca table with inkjet air cushion pucks

- > Innovation: trajectory by inkjet printing
- > Frictionless: air cushion and wireless pucks
- > Safe: no high voltage
- > LED for easier detection by camera
- > Lightweight: easy to carry
- > Pucks compatible with old Meca table



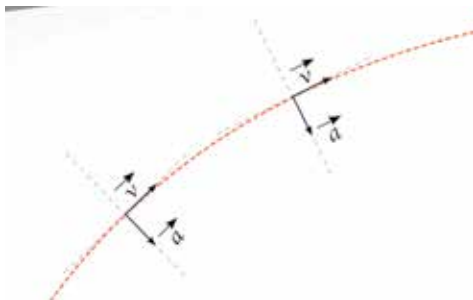
During the experiment

- The pucks trajectory is printed on an A1 sheet using an inkjet print head.
- Adjust the time gap from 20 to 100 ms (by 5 ms) and start printing with the remote controller.
- From positions of the pucks, calculate norms and draw velocity and acceleration vectors at each point.



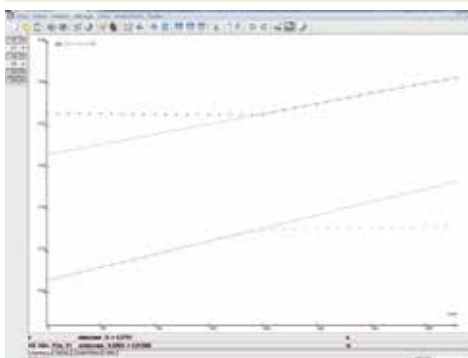
An Educational Tool for studying motions!

Parabolic trajectory by printing



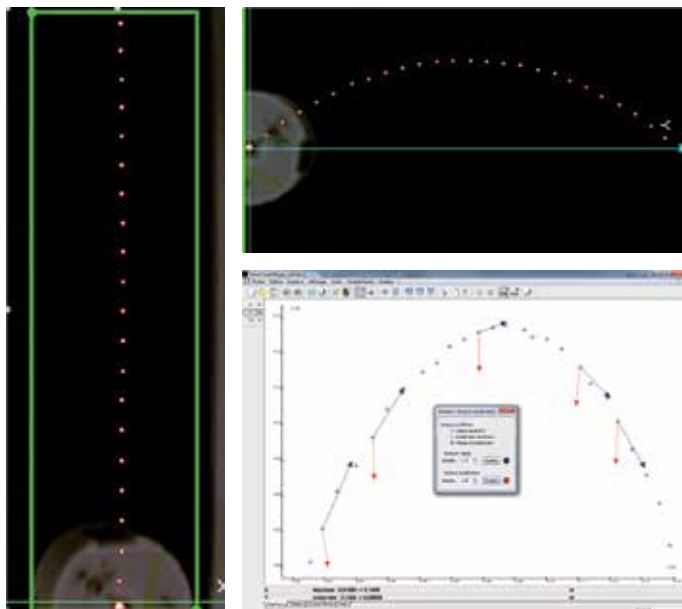
Manual determination and representation of velocity and acceleration vectors

Study of collision via video



Hard collision experiment – Acquisition by video. Data processing by Cineris software

Rectilinear and parabolic trajectories via video



Rectilinear and parabolic trajectory. Processing with Cineris software: detecting successive positions, determining and drawing velocity and acceleration vectors.

Choose the Complete Solution!

Composition:

- 1 A1 table
- 2 inkjet air cushion pucks
- 1 charger for pucks
- 2 stands for pucks
- 1 remote controller
- Shims for experiments in inclined configuration
- Adjustable forces launcher

Accessories for:

- accelerometer
- edge printing
- center of inertia
- circular motion
- 2 accessories for elastic collisions
- 2 accessories for non elastic collisions
- 2 extra masses for pucks

Ref. 332 055

or Upgrade your old table

Composition :

- 2 inkjet air cushion pucks / 1 charger for pucks / 2 stands for pucks / 1 remote controller
- Accessories for: edge printing / center of inertia

Ref. 332 056

or Inkjet air cushion puck standard pack

Composition :

- 1 inkjet air cushion puck / 1 charger for puck / 1 stand for puck / 1 remote controller

Ref. 332 058

All the equipments are provided with 1 ink cartridge and batteries



Need more information or a demonstration?

Contact us on +33 2 32 29 40 23