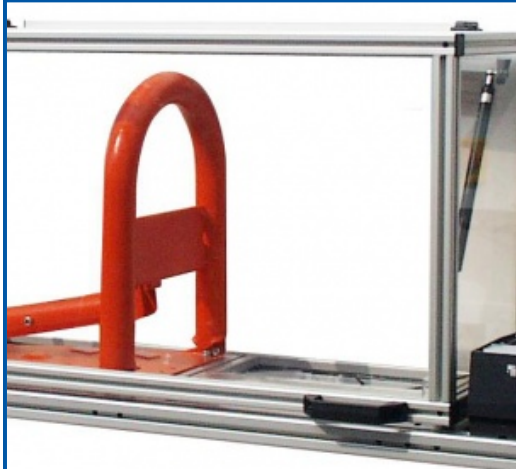


## AUTOMATIC PARKING

### REFERENCE : ISIPARK



*Non contractual photo*

**SERVICE :**

Retractable barrier for installation on the ground, with motorized movement by electric cylinder and remote control HF.

#### Technical specifications :

##### Proposed TP Themes :

- Functional analysis
- Technical solutions associated with functions
- Models of representation
- Study of the tilting mechanism of the rollbar
- Drawing a part using a 3D modeler

##### Themes of mini-projects :

- Conduct a comparative study
- Propose a non-motorized model to complement the motorized model

##### Composition :

- 1 operational parking barrier
- 1 housing for the safety of the product
- 1 force sensor with display
- 1 set of parts dedicated to the study of the impact of the modification of the dimensional characteristics of a part on the assembly
- Tooling needed to assemble and dismantle equipment
- 1 CD Rom with educational and technical resources as well as 3D drawings files