

## ROBOT COLLABORATIF 6 AXES

## TRAINING KIT



### PEDAGOGICAL APPLICATIONS

- This kit allows you to train your students in a concrete way in a flagship technology of Industry 4.0 through experimentation on a real cobot, allowing them to benefit from a real added value.
- The ability to provide such education will increase your reputation both among young people who may be attracted to this little-known sector but also to businesses in your area.
- Cobots through online access to the UR Academy platform included in this kit: With modules that combine interactive videos and simulations for hands-on learning, your students will be able to familiarize themselves with cobots for the first time from their computers, in the classroom or at home. The basic knowledge they will acquire include the configuration of terminal effectors, the connection of inputs and outputs, the creation of basic applications and the implementation of the security functions of robotic arms.
- Many other applications using the additional options:
  - On-board vision system: configuration of objects, etc.
  - Intelligent gripping system: tightening force management, speed and range of motion
  - Effort measurement module: trajectory learning, complex movement, etc.
  - Laser scanner: protection field management and alarm

## OPERATING PRINCIPLE - BASIC KIT CONTENT

The robot can be programmed to move a tool along a desired path and communicate with other machines. This **Training Kit is designed** to bring collaborative robotics to life in your classrooms. This type of interaction tends to encourage practical **training** and more easily generates vocations. **With the Training Kit, you will benefit from:**

- From a **functional cobot UR3 e-Series latest generation (range 500mm for 3kg payload)** so your students can develop their first applications. **Higher-sized models available on request**
- The **latest training and simulation software** to enable your students to solve real problems and become familiar with cobot programming: **60 RoboDK licenses included in this kit.**
- A membership in the **Universal Robots training community**, to keep you up to date on the **latest additions to the UR ecosystem.**
- An online **training course over 2 days** to take charge of your robot and the plugins of the content of this educational kit.

## Many Options Available to Multiply Your Activities

- **RWC, Onboard Vision** System: no PC required, all the setting is done by the robot's IHM. Setting up the location of objects without advanced knowledge. • Ref : RWC
- **Scalable smart electric pins (85mm maxi aperture) or 2F140 (maxi 140mm):** ability to capture objects from the outside or inside and adapt to revolution parts. Control of the tightening force, closing speed and range of motion. • Ref : 2F85  
• Ref : 2F140
- **LaserS Crutator:** Meets the highest standards and is particularly suitable for mobile and fixed applications. 4 protection fields and 8 fields of alarm • Ref : S300ADV
- **Mobile and flexible** platform: one person is enough to move it all. • Ref : ER5 WORK

