

Bundle 3

Bundle 3 is the most complete bundle. Composed of the collaborative robot arm manipulator P-Rob with its Gripper P-Grip and with a pair of sensor fingers mounted on an advanced mobile platform which has been completed with additional devices such as tablet, microphone, speaker, embedded cameras, etc.).

This unique robot is a all in one standalone pre-integrated equipment, it is ready to be used when unpacked and installed in less than 10 minutes. All the integration of the mobile platform and its components to the arm manipulator is native in this bundle (shared power management, shared controllers, shared connection, calibration and programming).

This bundle offers you to benefit from the combination of the two type of robots features (mobile and manipulator) such as a higher reachability for the manipulator and new pick and place skills for the mobile robot for example. In addition, it grants you additional features and functionalities for a better human-robot interaction.

The safety concept enables safe direct human-robot collaboration. No special costly protection system is needed to secure the area around the robot thanks to soft materials, force limitations and collision detection.

Programming expertise is not necessary for simple tasks or applications. Poses and paths can be manually taught. The task generator assists and guides the user to record a complete task within a few minutes instead of having to go into detailed programming and writing of code. This Robotics bundle is a great solution for almost every user looking for a fully integrated and ready-to-use mobile manipulator solution. It is also a great platform for Research and Education institutions willing to get all in one robot and focus on their Research work and project in collaborative robot manipulators and mobile robots as well as non-robotics field where this type of robot can be used as the missing tool they were looking for.

