

qbrobotics

qbrobotics.com
info@qbrobotics.com



KEEP US IN TOUCH! 



qb SoftHand^{2.0}
RESEARCH

STRONGER, SMARTER AND MORE VERSATILE

MANUFACTURERS OF SOFT ROBOTICS

Soft-robotics
technologies for



INDUSTRY



RESEARCH



EDUCATION

The **qb SoftHand2 Research** is the **stronger, smarter** and **more versatile evolution** of the **qb SoftHand Research**. It is an anthropomorphic Robotic Hand reproducing in 1:1 scale the size of human hand with 19 degrees of freedom self-healing finger joints.

Based on soft-robotics technology, it is adaptable and robust, showing an **unparalleled level** of **simplicity** and **flexibility**, exploiting the principles of synergies in a simple and intrinsically intelligent design.

IN-HAND MANIPULATION



The **introduction of a second synergy** allows the **qb SoftHand2 Research** to manipulate objects intended for interaction with the human hand, without changing the wrist orientation.

The **in-hand manipulation capability** widely increases the applications in **R&D, testing** and **human interaction** fields.

PRECISE PINCH GRASP



By combining with the two synergies, the **qb SoftHand2 Research** can perform a precise grasp to **accurately interact** with **little objects**.

POWER

The higher strength of **qb SoftHand2 Research** allows you to exploit the best from your robot, ensuring a **firmer grip** on the object.



ROS

INDEX FEATURE

In addition to the great adaptability, the **qb SoftHand2 Research** capabilities allow it to apply **localized contact forces**, a very useful feature for operating on interfaces commonly used in everyday life.

