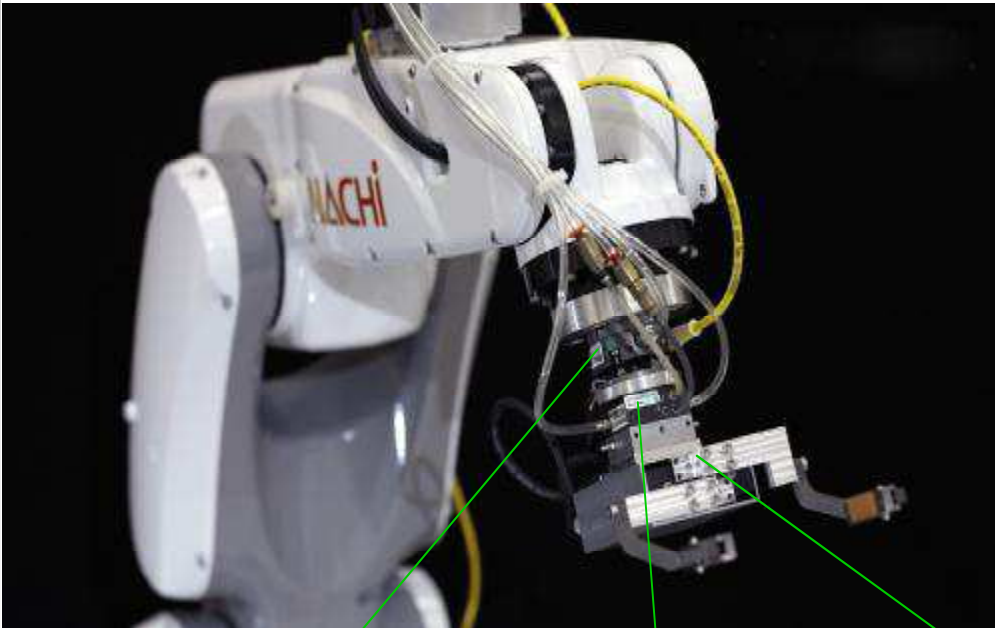


Meet Applied Robotics

The Wrist-down Robotic Solution Provider

Firmly positioned as a global leader of specialized automation end-of-arm tooling (EOAT) and connectivity solutions, ARI is an expert at bringing greater speed, flexibility and efficiency to your automation-based processes. Our product set is comprised of tool changers, collision sensors, grippers and other end effectors engineered to serve in material handling, assembly, cutting, dispensing, machining and welding applications.

ARI works directly with you to evaluate and define your tooling needs. That means understanding your industry and unique requirements. We never stop looking at new and innovative ways to do more, do it faster, and do it better. Our extensive field proven product line has the components to tackle almost any wrist down application, but in situations where off the shelf products aren't the best solution or simply don't exist; we're open to custom engineering an answer — it's what we do.



What is a Wrist-down Component or EOAT?

A wrist-down component, also known as end-of-arm tooling (EOAT), is any object attached to the robot flange (wrist) that serves a function, including;

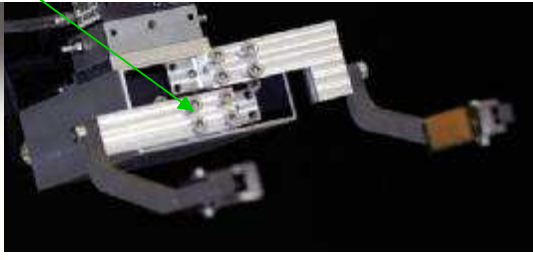
- * robotic grippers
- * robotic tool changers
- * robotic collision sensors



QuickSTOP Collision Sensor Line



MXC Tool Changer Line—modular configuration allows for quick customization



The ARI SmartGripper™ EOAT

Tool Changers = Flexibility

When it comes to robotics, maximizing uptime is critical. That's why Applied Robotics has designed our CXC, MXC, and Sigma robotic tool changer lines to perform multiple functions in a single work cell easily and efficiently. Don't stop your production line so a machine mechanic can swap tooling, let the robot swap tools on the fly!

Applied Robotics' connection technology is designed to improve any process requiring frequent connection/disconnection of utilities – automatically.



Sigma Tool Changer Line

Collision Sensors = Insurance

Who protects your significant investment in tooling? We do! ARI collision sensors are at work on just about every type of assembly line in the world – proof of their value.

The ARI **QuickSTOP** collision sensors with dynamically variable sensitivity operate on a regulated air supply which provides positive pressure to hold the collision sensor and tooling rigid during normal operation. Upon impact, the **QuickSTOP** will release the air pressure, relax the tool and stop the robot. After a quick inspection to verify the tooling is undamaged and thanks to the **QuickSTOP's** permanent repeatability, it only takes a simple click of the robot wrist to reset the **QuickStop** back to active mode.



Another tool protected and another day's productivity saved.

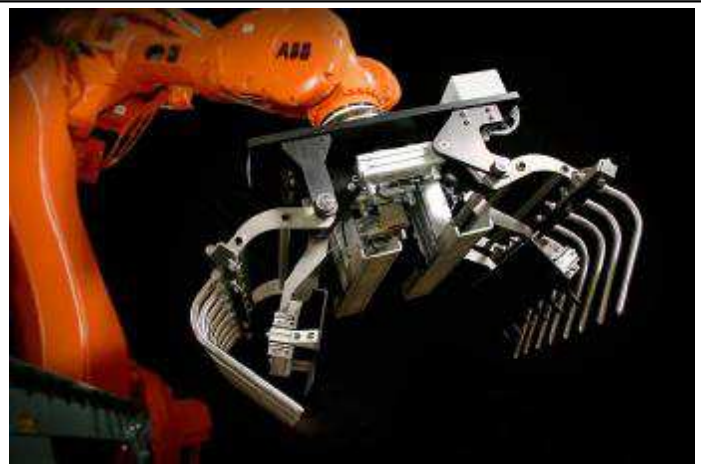
QuickSTOP Collision Sensor

Grippers = Contact

ARI offers a wide variety of grippers for every application challenge;

- * Angular and parallel motion grippers
- * Miniature, low profile grippers
- * Sealed grippers
- * Long jaw travel grippers
- * 180-degree jaw motion grippers
- * Electric/servo grippers
- * FDA & USDA versions available

We have grippers sized to handle everything from test tubes to bags of cement



Heavy Duty Bag Gripper

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