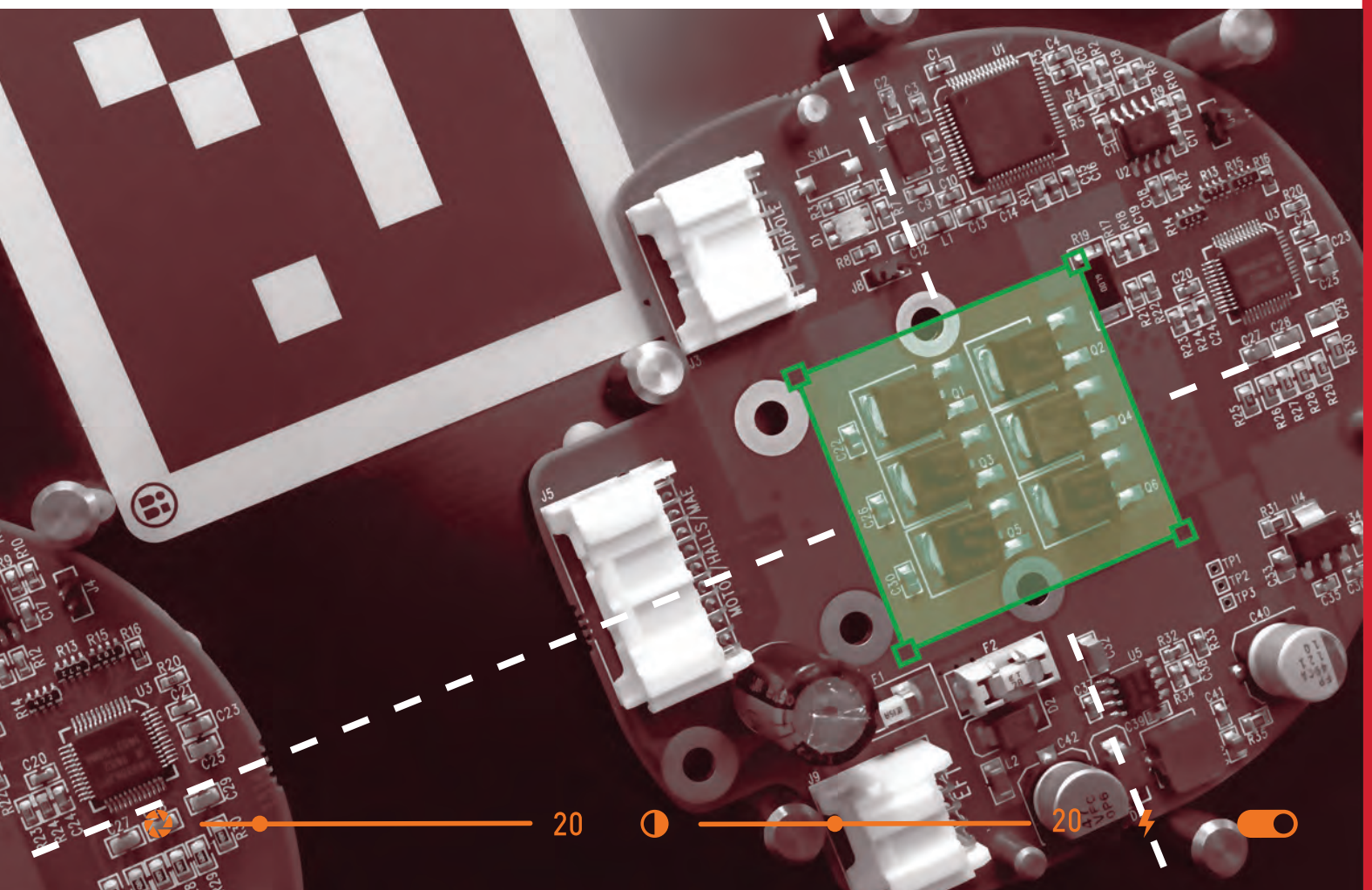


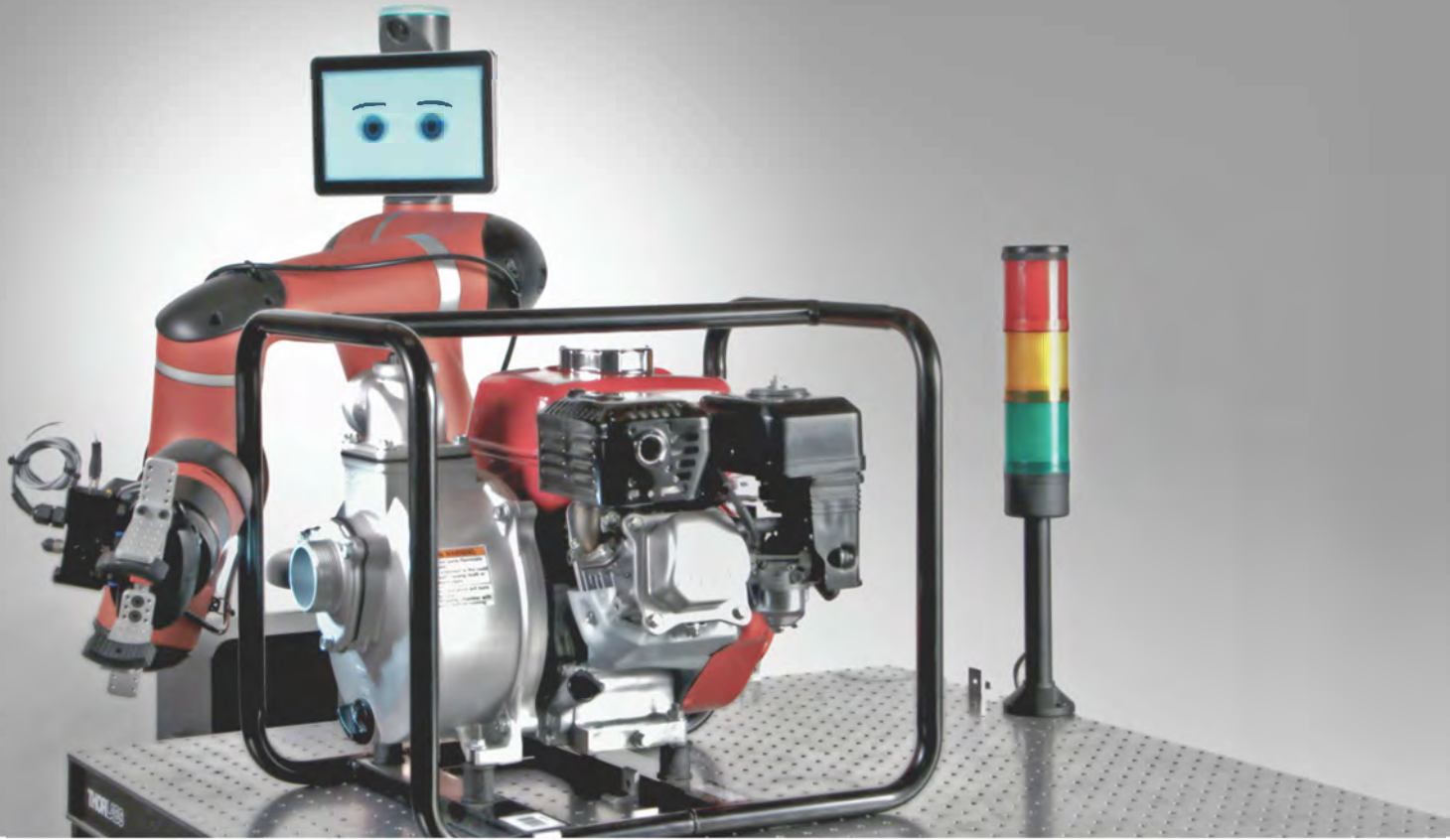
Automate Test and Inspection Tasks

Historically, vision and testing systems used to detect part defects or scan barcodes have been found on high-speed, high-volume manufacturing lines. These systems rely on parts arriving in fixed orientations, are expensive, and should production needs change, costly to reconfigure. Due to these limitations, manufacturers with relatively small or custom production runs perform test and multi-point inspection tasks manually. While these tasks require dexterity and skill, they're also repetitive, boring, and prone to human error. And due to the variety and change on the line, these tasks couldn't be automated cost-effectively. Until now.



Sawyer delivers the complete solution for multi-point inspection.

Using its embedded Cognex camera, powered by Intera software, smart, collaborative robot Sawyer offers a cost-effective, high performance automation tool for the testing and inspection of finished parts or products. Featuring seven degrees of freedom and a reach of 1260 mm, Sawyer can drop right into your existing environment, with minimal reconfiguration of your current work cells.



The Complete Solution

Sawyer is a fully integrated collaborative robotic solution - hardware, Intera software and the ClickSmart family of gripper kits - providing a single source of robot deployments. This total package is an industry first, saving manufacturers both time and money.

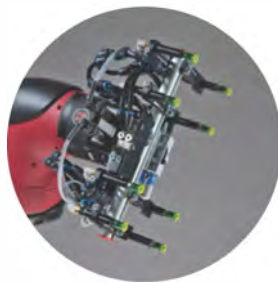
Train by Demonstration

Intera software gives Sawyer its unique user interface - the robot can be trained by simply moving its arm and demonstrating the movements. The robot is up and running, performing a task in a matter of minutes, leading to a rapid return on investment.

Embedded Vision

Sawyer's integrated Cognex camera, combined with Intera software enables a wide variety of applications without the need for additional hardware, software or integration. It also enables the Robot Positioning System, allowing for dynamic re-orientation of the robot.

Recommended ClickSmart™ gripper kits for test and inspection tasks:



VACUUM GRIPPER



PNEUMATIC LARGE GRIPPER



PNEUMATIC SMALL GRIPPER



rethinkrobotics.com

27 Wormwood Street
Boston, MA 02210
Telephone: (617) 500-2487
inquiry@rethinkrobotics.com

Watch Sawyer in action:
<http://bit.ly/cbot-test-inspect>

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