OMRON

Develop Safe Collaborative Robot Operations with Cobot Force and Pressure Measurements

Collaborative robots offer great potential for enhanced productivity and efficiency in your workplace. However, it is crucial to prioritize safety through thorough testing and validation. At Omron, we provide Cobot Safety Validation service to protect your team from accidents and mitigate potential expenses.

Our experienced professionals conduct evaluations to determine if your cobot system adheres to ISO 15066. With accurate measurements and detailed reports, you can confidently maintain a safe workplace and minimize the risk of injury.

• Accurate cobot force and pressure measurements to determine if within permissible limits

• Easy-to-read detailed report with essential data to develop a safer work environment

• Turn-key service that includes on-site testing utilizing our calibrated force and pressure testing equipment

• Simplified ordering process for cobots and safety

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Why Choose Cobot Safety Validation?

Eliminate Uncertainty
Don't leave the safety of your workers to chance. Our Cobot Safety Validation service provides quasi-static and transient force and pressure measurements, giving you essential data to develop a safer work environment.

Reduce Liability
Non-compliant cobot operations can lead to serious consequences. By validating your cobot's force and pressure limits, you can proactively adjust operations and reduce the risk of worker injuries, protecting your business from potential liability.

Hassle-Free Evaluation
Our calibrated cobot assessment tool and unique software deliver accurate measurements and visual indications of force and pressure. Our skilled professionals bring the equipment on-site, eliminating the hassle of storing, calibrating, or maintaining additional equipment at your facility.

Streamlined Solution
As a solution services company, Omron offers simplified ordering of both cobots and Cobot Safety Validation services. We are your trusted partner in robots and safety, addressing your production needs while protecting your workers.

What Do We Deliver?

- Accurate cobot force and pressure measurements for the contact points you specify
- Real-time analysis and feedback for immediate adjustments and retesting
- Easy-to-read detailed report with pass or fail results

Who Can Benefit?

Cobot Safety Validation service is essential for any application involving human-robot collaboration. If you have a solid understanding of general robot safety but lack the necessary tools for cobot force and pressure validation, our turnkey service is designed for you.

As responsible individuals for safety and recordkeeping, EHS and Plant Managers can benefit from Omron's Cobot Safety Validation service by obtaining the necessary data to improve workplace safety.

> Don't compromise on safety. Choose Omron's Cobot Safety Validation service to validate your cobot operations and create a safe work environment.