

Excellent in quality and safety

ITronic was presented with the handling award on 06/10/2015 at the award ceremony at the Motek in Stuttgart. The German company could convince in the category "quality and safety", in which it took the second place with its innovative product "Robolnspector".



An independent jury of industry experts assessed the 70 applications and determined the winners in 4 categories "Handling and Assembly", "Automation and Robotics", "quality and safety" and "storage, order picking, handling and transportation".

Assessment criteria are mainly novelty value and innovation, customer benefits, sustainability and marketability of the application submitted. The used technology had to be ready and usable at the Motek 2015.

The competition is open to all manufacturers in the field of mechanical, electrical and mechatronic solutions for factory automation and optimization of internal processes. Addressed are technologies in the field of handling technology, assembly and linear systems, hoists, Handling, transport and conveying systems, storage technology, intralogistics and logistics software, warehouse logistics, identification systems / RFID, drives and automation components.

The product with which ITronic has advertised is the latest innovation from the Erdmannhäuser think tank: The RobolInspector. The system is a platform for robot-based image processing, its main area of application is quality control. The application range can be expanded due to standardized additional options such as High resolution cameras, grippers for part handling or 3D scanners. The integration of the high-end image processing software NeuroCheck 6.1 enables flexible adaptation to different optical test tasks.

Due to the use of lightweight robots and the standardized system the platform is cheap to buy. After a short training the easy to use software allows to implement new robot paths and image processing features independently. Additionally ITronic also offers integration into customer's production lines and the implementation of image processing and robot movement. Thus it is up to the customer how much engineering effort he can do himself, which is reflected in the overall price of the system.

The concept RobolInspector also allows to flexibly and quickly adapt to new demands such as changes in components, production site or production process. Due to the default ambient light foreclosing process-safe functioning of RobolInspector is independent of the given on site lighting.

The lightweight robots used are certified for cagefree operation. After a Safety Analysis by iTronic the RobolInspector can also be used in collaborative manufacturing environments.

Founded in 1994 ITronic GmbH is development-oriented specialist for test, measurement and automation technology. In addition to the Top 100 seal, the handling award is the second award that the company has received this year. The ITronic GmbH belongs beside the ITsoft GmbH, the XTservices GmbH & Co KG and the Hungarian ITronic Kft. To the corporate group ITgroup.

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