



Kawasaki Robot e-News is an electronic bimonthly newsletter that provides our customers with useful information on robotics.

Release of a dual-arm SCARA robot

In June 2015, Kawasaki Robot released the innovative "duAro" dual-arm SCARA robot that can work alongside humans.

The "duAro" is a new dual-arm robot that is able to recreate the dual and singular movement of human arms, in the same space as a person. We have pursued the ultimate level of usability—two SCARAs that can move horizontally, along with a direct teaching function that simplifies teaching operation and increases the utility of the robot. Also, the robot itself and the controller are integrated with a wheeled platform as a package; it is thus easy to install or relocate and can fit into the work space of a single person. The "duAro" also has a crash detection function and a safety function that slows its working speed when humans are near, therefore the robot can be installed alongside other workers and can safely perform collaborative operations. It can contribute to the automation of the electric/electronics industry, for which automation has been considered difficult in terms of preparation period or cost-effectiveness, as electric/electronics industry products have a short life cycle, requiring model changes every few months.

Please feel free to contact our office nearest to you for further information or for inquiries about this product.

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|---------------------------------|--|
| Series name | duAro |
| Robot name | duAro1 |
| Model name | WD002N |
| Arm type | Selective Compliance Assembly Robot Arms |
| Degrees of freedom | 4 axes, 2 arms (Max. 6 axes, 2 arms) |
| Standard reach | 760 mm |
| Maximum loading capacity | 2 kg per arm |
| Position repeatability accuracy | ±0.05 mm |



Sincere Gratitude and the Exhibitions at Tokyo Big Sight

We would like to thank all those who visited the Kawasaki booth at JPCA Show 2015 from June 3 to 5, FOOMA JAPAN 2015 (International Food Machinery & Technology Exhibition) from June 9 to 12, and INTERPHEX JAPAN from July 1 to 3, 2015.

At JPCA Show 2015, we conducted a new product presentation of the "duAro" dual-arm SCARA robot on the first day of the exhibition (June 3, 2015). This release of this unprecedented and innovative robot was widely reported by newspapers and other news media.

At FOOMA JAPAN 2015, the YF003N high-speed picking robot drew substantial attention, performing the operation of filling up a tray with food. Nowadays, awareness regarding food security and safety is becoming more widespread. TV news and other media reported on our participation at this exhibition for the first time, as well as on the expansion of the application of industrial robots.

Lastly, at INTERPHEX JAPAN, we displayed and proposed systems that can expand the application of robots such as the all stainless steel MS005N to the medical and pharmaceutical industries.

We'd like to take into account all the opinions we received during the exhibitions to improve our services, and we hope for your continued patronage and support.



Product presentation



JPCA venue



FOOMA: Tray-filling operation