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EPSON ANNOUNCES 6-AXIS ROBOT FOR AUTOMATION IN ASEPTIC MANUFACTURING

EPSON C3-V Robots – Designed for Automation in Medical/ Pharmaceutical Vaporized Hydrogen Peroxide (VHP®) Gas Environments.

Carson, CA – October 31, 2012 – EPSON Robots, a global leader in advanced robotic technology, introduces new EPSON C3-V 6-Axis Robots. C3-V robots provide resistance to Vaporized Hydrogen Peroxide (VHP®) Gas, an aggressive chemical used in aseptic manufacturing environments.

“EPSON C3-V robots were created to reduce costs and increase throughput for aseptic manufacturing and assembly” stated Michael Ferrara, Director of EPSON Robots. “C3-V robots are used in barrier isolator systems for aseptic manufacturing processes predominantly in medical device, pharmaceutical and life sciences industries where a variety of transportation tasks are followed by aggressive VHP® cleaning and sterilization. Many of the processes currently used in isolator systems are entirely manual, requiring the use of glove ports where human operators risk repetitive motion injuries and exposure to harmful toxic drugs through glove port leaks during processes such as syringe filling operations. C3-V robots are designed to protect both human operators as well as products from contamination while opening up realms of opportunities in reducing manufacturing costs and increasing productivity by allowing many of these processes to become fully automated”.

The unique, SlimLine body and compact wrist design of C3-V robots enable them to be easily installed in sealed environments such as inside an isolator. IP67-grade water/dust proofing allows C3-V robots to be cleaned and sterilized with aggressive chemical solutions or high temperature VHP® and steam. Not only is the C3-V robot able to be thoroughly sterilized in such environments, but the robot can also be used as a handling device for presenting fixtures and components for cleaning to the VHP® misting areas from many angles ensuring there are no neglected areas in the sterilization process. The effective utilization of the workspace allows for greater savings on cleaning consumables while eliminating potential contamination issues for consistency of quality in the aseptic space.

EPSON C3-V robots are available with either our industry leading, True PC Based RC620+ controller or our high performance at a value price Micro PowerDrive RC180 controller. The EPSON True PC Based RC620+ controller provides the power and flexibility of an open architecture solution that EPSON PC based controls are famous for. The EPSON Micro PowerDrive RC180 controller provides a compact size, and reliable solution at an incredibly low cost. Both controllers provide the ultimate experience in ease of use with our powerful EPSON RC+ Controls software and lots of fully integrated options such as: Vision Guidance, .Net support, Profibus, DeviceNet, EtherNet/IP and much much more. *Why choose a low performance solution when you can have a high performance EPSON C3-V robot with powerful EPSON controls?*

EPSON C3-V robots are able to meet the demanding space requirements in aseptic manufacturing environments by not only providing a small footprint solution with superior workspace usage but also flexibility and superior cycle rates throughout the manufacturing as well as VHP® cleaning process. This means more parts processed in less time while using a fraction of floor space and cleaning consumables which results in more profits for our customers.

EPSON Robots is the global leader in PC controlled precision factory automation, with an installed base of over 26,000 robots and a product line of hundreds of models of easy to use SCARA, Cartesian and 6 axis robots based on a common PC based platform. Building on a 27 year heritage, EPSON Robots today delivers robots for precision assembly and material handling applications in the aerospace, appliance, automotive, biotechnology, consumer product, electronics, food processing, medical device, pharmaceutical, plastics, semiconductor, and telecommunication industries. More information can be found on the company's website at www.epsonrobots.com, or contact us at EPSON Robots, 18300 Central Avenue, Carson, CA 90746, USA.

For more information, call +1.562.290.5910 or go to <http://www.epsonrobots.com/product-detail/146>

