

Epson robots fill, label and control hypodermic syringes



Standalone six-axis system is fast and reliable

MR Pharma Laboratories in Buenos Aires needed a fully-automated system to work round the clock with the highest precision and no human intervention. The tasks involved in the process – filling of hypodermic syringes, labelling, and quality control – were taken over by a space-saving standalone system equipped with a six-axis robot.

The concept for the automatic serial production comes from the Questt Group in Argentina. In its quest for a solution, the company decided to rely on the extremely fast and compact C3 six-axis robot.

The robot took over the complete handling process for the hypodermic syringes. This includes quality control, filling of the injection solution into the syringes, labelling and correct positioning.



MR Pharma

For pharmaceutical products, quantities have to be absolutely precise, and Epson robots are capable of meeting these standards with outstanding repeatability.

Volker Spanier

Head of Robotics - Epson

Key Facts

MR Pharma chose Epson robots to create a completely automated process for filling syringes.

The robots have to deal with a variety of processes, including filling, labelling and quality control.

The robots are capable of precise filling, even of small quantities.

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