

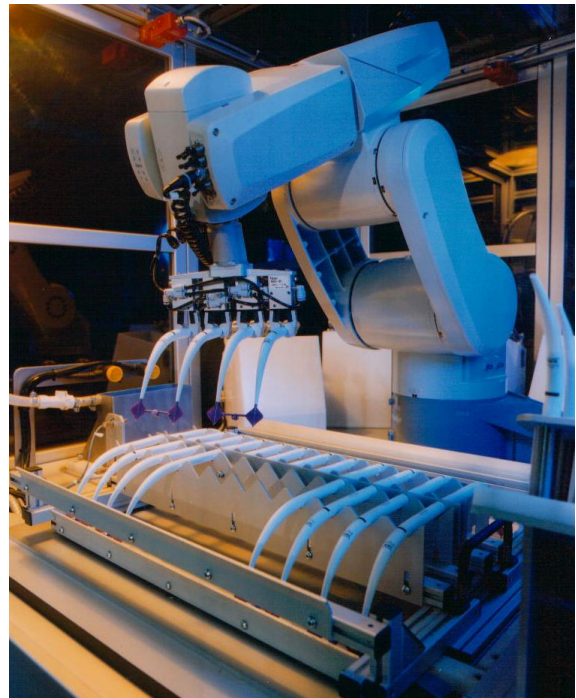
PROJECT PROFILE

Project: Heating Innovations in Medical Component Production
Product/Process: RF Heating System

Summary:

Design Development and manufacture of

- Six RF (Radio Frequency) machines for continuous production of critical medical devices used in theatres and intensive care departments
- An automated dipping machine incorporating a Mitsubishi RV4A robot which loads both the infeed component trays and four drying stations outfeed trays.



Description:

With extensive in-house skills and disciplines, Petrie and sister company NIS, have built a solid reputation for delivering practical, innovative solutions to high profile, complex projects within the medical and pharmaceutical industries.

Petrie completed the design and manufacture of an automated dipping machine for a major UK-based supplier of medical components. Incorporating a Mitsubishi RV4A robot, which loads both the component tray and four drying stations outfeed trays, the rig forms part of a comprehensive brief from the customer, aimed at automating a labour intensive process.

Petrie completed an earlier contract for the design and manufacture of six RF (Radio Frequency) machines for continuous production of critical medical devices used in hospital operating theatres and intensive care departments. The RF heating systems are used to heat components to precise temperature levels at various stages in the manufacturing process.

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