

Intertronics launch F4500N large area benchtop dispensing robot

New from Intertronics is the Fisnar F4500N Dispensing Robot which shares all the technical advantages of the F4000 range in an expanded format of 500x500mm, still in a convenient benchtop design.

The F4500N is a full function robot that enables cost effective automation of liquid dispensing operations, allowing increased productivity and consistent output. Integrated with dispensing equipment from the extensive Intertronics range, the Fisnar F4500N can dispense beads, dots, arcs and infills in three dimensions, with a

positioning resolution of 0.001mm/axis. Robust and reliable, it is suitable for use in continuous manufacturing environments, as well as in production development.

By adding the appropriate dispensing setup to the robot (which might include syringes, valves or pumps) it can be configured for the application of form-in-place gaskets, adhesives, coatings, potting and encapsulation materials, sealants, filling and RFI/EMI shielding, and can handle single part or multi-component materials.

The Fisnar F4500N programming is straightforward, using English language instructions on an included teach pendant. It is capable of storing up to 100 different programmes. Step-by-step intuitive instructions simplify job creation tasks, allowing a programme to be entered and running in minutes. A 16-channel I/O interface provides for communication with external devices for secondary applications and multiple dispensing equipment components. An optional Windows software package with a DXF file converter is available for programming from a computer.

Intertronics will complete the package by offering safety enclosures, integration of all component parts, installation, and training - which means that benefits like higher production rates and increased productivity, more efficient use of materials, better product quality, improved safety, and reduced lead times are quickly gained, and quick payback on investment is readily achieved.

For further information please see www.intertronics.co.uk/f4500n or visit the Intertronics blog at www.intertronics.co.uk/blog.

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