

Automated Dispensing and UV Light Curing System

Description

This automated dispensing and UV light curing system is a set up that integrates [syringe dispensing](#) with the precision curing capabilities of the [DYMAX Bluewave MX-150 LED UV spot curing lamp](#) and a [Fisnar Benchtop Dispensing Robot](#).

The system is designed for the automated dispensing of materials which can include, for example, [Dymax UV curing adhesives](#). It is suitable for a variety of applications, such as medical device assembly, form in place gasketing, bonding, temporary masking and more. This system is configurable with a range of dispensing equipment, including highly accurate and repeatable [dispensing valves and pumps](#).

This dispensing system is an example. We would be pleased to [help you put together a dispensing system](#) customised for your particular needs.

Features & Benefits

- Suitable for dispensing low to medium viscosity materials
- Suitable for dispensing cyanoacrylate adhesives (CAs)
- Suitable for bulk feeds
- Stroke adjustment feature provides shot size control
- Minimum shot size 0.001ml
- Up to 500 shots a minute cycle rate

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- Separated wetted parts
- System fits easily onto a benchtop
- Easily programmable using the included teach pendant
- Repeatable and consistent dispensing
- Improved productivity

Ordering Information

Part Number	Description
IJFVD510	Diaphragm valve
DYM42380	MX Series Controller; Power Supply and Power Cord
DYM42337	PrimeCure [®] LED Spot Emitter UV curing lamp (385 nm)
FISF4300N.1	300 x 300 x 100mm work area benchtop dispensing robot

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Part Number	Description
Enclosure	A range of safety enclosures are available with light curtains, interlocked doors etc.

Supplied by:

intertronics

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