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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>IJFVD510</td>
<td>Diaphragm valve</td>
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<tr>
<td>DYM42380</td>
<td>MX Series Controller; Power Supply and Power Cord</td>
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<tr>
<td>DYM42337</td>
<td>PrimeCure® LED Spot Emitter UV curing lamp (385 nm)</td>
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<tr>
<td>FISF4300N.1</td>
<td>300 x 300 x 100mm work area benchtop dispensing robot</td>
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This is an example of our archytas series of robot integrations. If you are interested in a similar system, get in touch with our Technical Team to discuss your requirements.

Supplied by:

INTERTRONICS
12a Station Field Industrial Estate, Banbury Road, Kidlington
Oxfordshire England OX5 1JD
t 01865 842842 e info@intertronics.co.uk

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