



## Customer Sample Evaluation Report

<b>Date:</b>	<b>4-14-05</b>
<b>Customer:</b>	<b>XYZ Adhesives, Inc.</b>
<b>Contact:</b>	<b>James Bond</b>

### Description of samples supplied:

Industrial Adhesive with fluorescent tracer, AP5002-H

### Sensor model used for testing:

UVX-300     UVX300G  
 Brite-X 1000     Brite-X 100     50mm Lens

NOTE: UVX-300G also works well in this application and offers a 0-99 display range

### Test set-up:

UVX-300, set for 35mm sensor-to-target distance at a 20° angle (from perpendicular). Gain set for R1 (x1) and LED intensity for U3 (high).

- UVX-300 displays relative intensity on a scale of 00 to 50.
- The sensor provides an analog output (range is 0-5V, 8 bit, 20mV/step).
- The UVX-300 provides a discrete output that triggers when the intensity level exceeds the threshold setting.

Sample was placed flat black anodized aluminum.

### Results:

	Gain set	Distance	Reading
With 50mm lens	X1	35 mm	28-30
Without 50mm lens	X10	100 mm	20-24

Reference video of test shows UVX-300 with 50mm lens.

**Testing performed by: Bill Letterle**

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