

UV40 Glue Sensor

The **UV40** is the preferred sensor for UV luminescence detection of glue, labels, varnish and much more. This sensor, with built-in amplifier and blue filter, is a highly advanced glue detector which reads the manufacturer's ultraviolet (UV) additive in the glue. Additional filters for other UV color ranges are also available. The **UV40** is capable of detecting glue absence, presence, placement and volume at line speeds in excess of 650 m/min (2,150 ft/min). This sensor is used in conjunction with our Array™ and MAQ™ line of controllers and may be remotely programmed through the Monet™ Operating System.

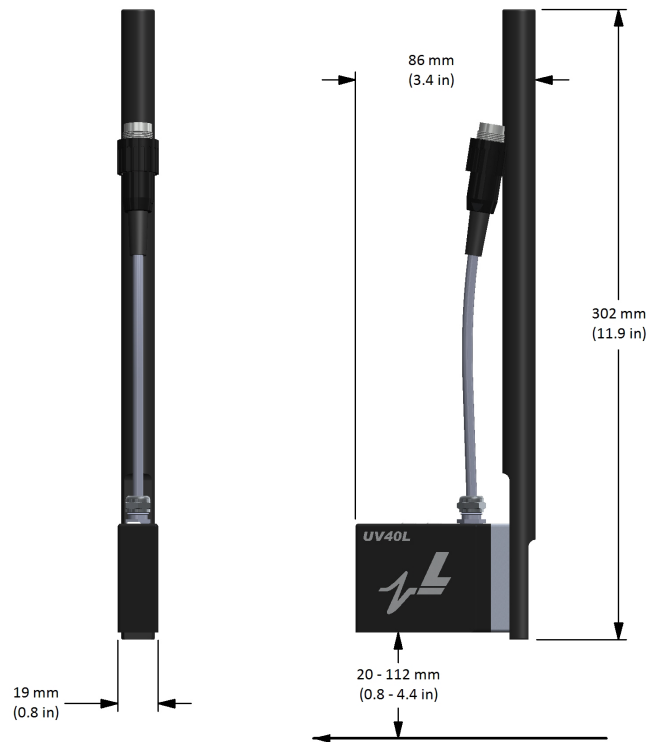
The luminescence sensor has LED reference displays which are designed to simplify programming and setup, as well as offer signal strength indication. Two programmable buttons simplify the operation of these user friendly scanning devices. With an aluminum housing, this sensor is very durable.

- Machine speeds greater than 200,000 cartons/hr at 650 m/min (2150 ft/min)
- Positional accuracy of up to +/-0.04 in (1 mm) at 650 m/min (2150 ft/min)
- Analog output for volume detection display
- Digital UV strength display
- Easy to use two button operation
- Adjust sensitivity with remote communication through the Monet OS

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QUALITY ASSURANCE

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UV40L shown with mounting rod

PHYSICAL CHARACTERISTICS

Dimensions

- UV40 Stand Alone
86 mm (3.4 in) l
20 - 112 mm (0.8 - 4.4 in) h UV40 to carton
- UV40L with Quantum™ Valve and M12 Trigger
192 - 363 mm (7.6 - 14.3 in) l for complete gluing station
49 - 51 mm (1.9 - 2.0 in) h UV40L to carton
43 - 44 mm (1.7 - 1.8 in) h M12 to carton
- UV40 with Jet™ 200 Valve and AD2 Trigger
218 mm (8.6 in) l for complete gluing station
20 mm (0.8 in) h UV40 to carton
38 mm (1.5 in) h AD2 to carton

POWER REQUIREMENTS

- 24 VDC

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