**External dimensions**

- **GM6600/A Controller (units: mm)**

- **GM6600/A Camera Unit**

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**Wiring diagram**

- **E Error output cable**
- **3 Error output**
- **3 Ext. output cable**
- **3 Ext. standard output**

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**Glue Monitor System GM6600/A**

*Inspect defects of gluing and prevent flow of a faulty product.*

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**For further information, contact:**

-NIRECO CORPORATION
- G Hachioji Office
  2951-4, Ishikawa-machi, Hachioji, Tokyo, 192-8552, Japan
- G Osaka Office
  4-8-6 Minamisenba, Chuo-ku, Osaka, 542-0081, Japan
  Telephone: +81-6-6243-2461  Facsimile: +81-6-6243-2466
- Website: www.nireco.com  E-mail: world@nireco.co.jp

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Glue Monitor System GM6600/A (camera, touch monitor system)

The Glue Monitor GM6600/A uses images taken by a camera to check the length, position and other defects of gluing. If these measurements deviate from the programmed values, the GM6600 can display an image of the gluing at that moment on the monitor screen, and send an output signal to sound a buzzer and activate a warning light to notify the operator, and stop the machine.

Features

- Can monitor signals from up to 6 channels.
- Applicable to both hot-melt and cold-gluing systems.
- Not affected by glue viscosity or color.
- The state of the gluing can be constantly observed via the monitor.
- Saves an image of the gluing condition when it detects a defect.
- Has a product code discrimination function and can tell when different products have been added to the line.
- The system can inspect multiple gluing patterns close together with a single camera.
- The system “learns” the glue inspection pattern, no which enable to save a trouble some work.
- Can check whether flaps have been properly folded or not.
- Scan areas can be set in up to 4 locations per channel, to check the glue and flap conditions.
- The system detects the front edge of the sheet, and scan areas follow the edge until the scan is completed.

Specifications

- Power supply: 100 to 240 V AC, 50/60 Hz, 5 A
- Input: CCD camera (1 camera / 1 ch; max. 6 cameras / 6 ch)
- Photoelectric sensor (At least 1; max. 6)
- Encoder: 1,200 p/rev (Resolution: 0.25 mm/p)
- Output: Error contact, 125 V AC/0.5 A (for channels)
- Detection length: 10 to 999 mm
- Maximum line speed: 300 m/min. or less
- Materials inspected: Paperboard, poly-laminated paper, cardboard, various kinds of printing paper (provided that there is no printing on the side that is glued)
- Mass: 10 kg (excluding the monitor)
- External dimensions: 220 (W) x 315 (H) x 390 (D) mm

Maximum number of camera connection (Example view and line speed)

- View: 90°, 180°, 270°, 360°
- Line speed: 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300 m/min.

Note: The maximum line speed is limited by various conditions.

*1: The controller has a control pad.