

## Performance

|   |                                |
|---|--------------------------------|
| Printhead   | 32mm or 53mm, 300dpi, 12dot/mm |
| 32mm print area - intermittent motion mode  | 32mm (W) x 75mm (L)            |
| 32mm print area - continuous motion mode  | 32mm (W) x 200mm (L)           |
| 53mm print area - intermittent motion mode  | 53mm (W) x 75mm (L)            |
| 53mm print area - continuous motion mode  | 53mm (W) x 200mm (L)           |
| Ribbon width  | 20mm - 32mm                    |
| Maximum ribbon length   | 1200 metres                    |
| Print speed - Intermittent mode   | 10mm/sec - 750mm/sec*          |
| Print speed - Continuous motion mode  | 10mm/sec - 750mm/sec*          |
| Maximum throughput mode, standard by software   | up to 250 prints per minute*   |
| Nominal ribbon waste between successive prints  | 0.5mm                          |
| * Print speeds and throughput are resolution, substrate, application and set up dependent |                                |

## iAssure™ detectable defects

iAssure™ compliments existing quality control processes. It is not designed to detect all printing errors and does not read barcodes.

|                                |                 |
|--------------------------------|-----------------|
| Damaged print platten / roller | Ribbon wrinkles |
| Uneven print surface           | Overprints      |
| Misaligned printhead           |                 |

## General

|   |  |
|---|--|
| 8" TFT SVGA (800x480) full colour touch screen operator interface | Clutchless bi-directional ribbon drive   |
| Simple ribbon webbing   | Ribbon saving features - radial ribbon save, interleaved ribbon save, intermittent stripes |
| Multiple operator languages                                       | Job selection and database support as standard   |
| On-board diagnostics  | 3 levels of password protection  |
| Off-line set up and parameter storage                             | On-board memory, compact flash and/or expansion card                                       |

## Software

|  |   |
|--|---|
| CLARISOFT™ Image Design Software   | Flexible data/time formats with auto best before date calculation and concession management   |
| Full downloadable font support for Windows TrueType (including multiple languages and Unicode support) | Auto increment/decrementing text, counters and barcodes   |
| Fixed, variable and merged text fields and text blocks   | Format for shift coding   |
| Scalable text including rotation, mirror and inverse printing  | User configurable drop-down list fields   |
| Basic shape drawing  | Link fields to databases  |
| Multiple graphic formats supported, any size up to maximum area  | Field orientation 0°, 90°, 180° and 270°  |
| Mirror image printing, image rotation  | 128mb message store memory  |
| Real-time clock functions  | Barcodes EAN 8, EAN 13, UPC-A, UPC-E, Code 39, EAN 128, ITF, RSS, (including 2D composite codes), DataMatrix, QR; others available on request |

## Connectivity

|  |   |
|--|---|
| External inputs (fully software configurable)  | External communications - 1 Serial port (RS232), 2 Ethernet ports, 2 USB ports, 15 Pin I/O connection, Binary and ASCII comms protocols and Windows drivers ZPL and SATO emulations |
| Master/slave unit - link up to 4 coders to a single controller and CLARITY™ control unit | CLARINET™ coder independent network management software   |
| Host PC Mode (remote database) using CLARINET™   | CLARITY™ Configuration Manager  |
| Server unit - fully integrate user interface into packaging machinery                    |   |

## Services

|                       |            |
|-----------------------|------------|
| Power supply          | 90 - 264V  |
| Operating temperature | 0°C - 40°C |

## Regulatory approvals

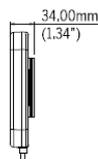
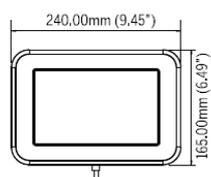
MET N RTL

CE Mark

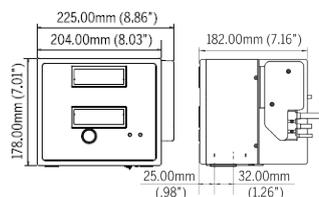
FCC

## Dimensions

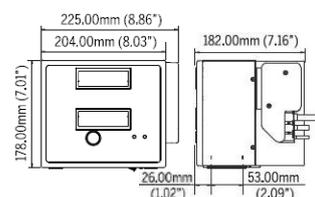
### Control panel



### 32mm printer body



### 53mm printer body



### Power supply

