Performance

Printhead	32mm, 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)
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
- Uneven print surface
- Misaligned printhead
- Ribbon wrinkles
- Overprints

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
Parent/child unit - link up to 4 coders to a single controller and CLARiTYT™ 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

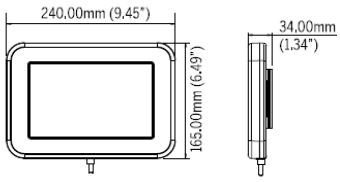
Power supply	90 - 264V
Operating temperature	0°C - 40°C

Regulatory approvals

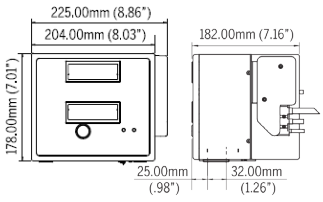
MET N RTL CE Mark FCC

Dimensions

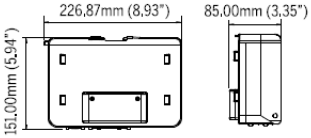
Control panel



32mm printer body



Power supply



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