

Efficient, accurate and cost effective solutions for print on demand applications.

On demand secondary labeling and AIDC applications have never been easier with the Colordyne 1600 Series C. Colordyne's digital printing platforms offer fast, flexible and scalable solutions, perfect for reducing cost and eliminating pre-printed label inventories. In one convenient step, the 1600 Series C produces high quality process color labels and tags and integrates variable data – allowing for brand owners, private label manufacturers and label converters to print exactly what the job calls for, large or small.



FLEXIBLE FOR YOUR APPLICATIONS

The 1600 Series C can be easily set up for the following printing formats: roll-to-roll, roll-to-cut and fan fold; making for quick set-up and change-over between jobs.

VARIABLE DATA, SIMPLIFIED

Seamlessly merge designs and layouts with text, images, barcodes and database information to handle the needs of security packaging, tracking, personalization and micro-segmentation.



Single Memjet® printhead design for all colors CMYK



EASE OF USE

- Easy to replace 250 mL ink cartridges
- Intuitive print driver software
- Print full bleed on pre die cut media
- Customer replaceable engine components



PRODUCTION OUTPUT

- 60 feet per minute (18 m/min) max print speed
- Conveyor options available
- Detailed job costing software



DIGITAL FRONT END SOFTWARE

- Harlequin-based RIP software
- Spot color replacement
- PDF, Post Script workflow
- On-the-fly color management

1600 SERIES C

GENERAL INFORMATION

- **Premium print speed:** 30 ft/min (9 m/min)
- **Premium resolution:** 1600 x 1600 dpi
- **Normal print speed:** 60 ft/min (18 m/min)
- **Normal resolution:** 1600 x 800 dpi
- **Max print width:** 8.75" (222 mm)
- **Color:** CMYKK
- **Ink supply:** Five 250 mL ink cartridges
- **Ink chemistry:** Memjet® aqueous based dye

MEDIA HANDLING

- **Media width:** 2" to 9" (51 mm to 229 mm)
- **Media caliper:** .004" to .012" (.1 mm to .3 mm)
- **Media type:** Aqueous inkjet compatible
- **Media sensing:** Transmissive (label gap sensor); Reflective (black mark)
- **Optional unwind/rewind:** 8" OD (203 mm); Core Size: 3" (76 mm)

SOFTWARE SOLUTIONS

- Colordyne Print Driver and Toolbox
- **RIP and color management:** Xitron® Navigator RIP (Harlequin)
- **Variable data:** Xitron® Variegator

MINIMUM SYSTEM REQUIREMENTS

- **Operating system:** Windows® XP or Windows® 7
- **Processor:** 2.5 GHz dual core CPU
- **Memory:** 4 GB RAM
- **Hard drive:** 250 GB
- **Ethernet and USB:** 2.0 or higher
- **Optical drive:** DVD-ROM

OPERATING ENVIRONMENT

- **Operation:** 59° F to 95° F (15° C to 35° C) at RH 22-80% (non-condensing)
- **Atmospheric pressure:** 70 kPa to 106 kPa
- 100/240 VAC, 50/60 Hz, 2.5 A

DIMENSIONS

- **Length:** 21" (533 mm)
- **Height:** 11" (279 mm)
- **Width:** 21" (533 mm)
- **Weight:** 70 lbs (32 kg)



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Powered by  memjet

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