



PeriOne
AN LSINC INNOVATION

**Fast & Affordable
Direct-to-Object Printer**

AFFORDABLE & PRODUCTIVE Ease of Entry into Direct-to-Object Printing!

The PeriOne™ is our single-spindle, cylindrical printer based on the award-winning technology of the PeriQ360. This printer provides ease of entry into the direct-to-object market, while also providing fast and efficient performance for light production, prototyping and personalized media. Stand out features include: the ability to print directly to clear glass without the use of a barrier, automated wiping and capping of the inkjet heads, and faster print speeds than its nearest competitors.



- 1 The Human Machine Interface (HMI) serves as your print queue and enables you to set-up and store “recipes” for commonly manufactured products.
- 2 Automatic Wiping and Capping of Inkjet Heads.
- 3 Up to seven (7) inks can be loaded into the standard ink configuration. Ink levels are monitored on the HMI.
- 4 This printer uses Ricoh’s Gen4 Piezoelectric print heads, the JetINX™ Printhead Drive and Ink Recirculation system for ink management and delivery, and LSINC’s proprietary Perivallo™ Workbench software to provide seamless 360° helical printing.
- 5 Ink is pinned during the printing process to control spread. A final UV cure is applied once printing is complete.

AT LSINC

IDEAS TO REALITY is not just our tag line, it’s what we do for corporations around the globe. LSINC provides innovative approaches to every day manufacturing challenges. This spirit of innovation has led to the development of the Perivallo360m®, PeriQ360™, and PeriOne™ direct-to-object printers. We also provide consulting and engineering services to seamlessly integrate our technology into your current manufacturing operation, or bring your manufacturing ideas to reality through our consulting and custom engineering engagements.

FEATURES

- Nozzle Replacement for head life extension
- Diameter Independent Resolution (DIR) ensures that color remains constant regardless of the diameter of the media
- Jettable primer available subject to customer application
- Prints on clear or colored glass - no barrier required
- Automated head wiping and capping
- Multi-layer printing
- Tactile effects and faux embossing
- Prints on glass, metal, wood, plastic, paper, and more
- Eco-friendly digital inks

APPLICATIONS

- Drinkware
- Personalized Items
- Proofing, Prototyping & Market Testing
- Wine & Spirit Bottles
- Beverage Cans
- Aerosol & Paint Cans
- Syrups/Flavorings
- Cosmetic
- Pharmaceutical
- Glass & Ceramic Candle Vessels



Multi-Layer printing allows you to create beautiful designs that can be viewed from both sides of clear media.

OTHER LSINC DIRECT-TO-OBJECT PRINT TECHNOLOGIES

PeriQ360
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Perivallo360m
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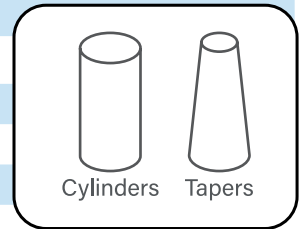


OUR FOCUS IS ON CREATING INNOVATIVE, PRODUCTIVE SOLUTIONS THAT HELP OUR CLIENTS WORK MORE EFFICIENTLY EVERY DAY.



SPECIFICATIONS

Print Technology	JetINX print engine
Inkjet Technology	Ricoh Gen4 Piezoelectric print heads
Diameter Independent Resolution	Enforces a fixed resolution to ensure color matching regardless of media diameter.
Print Type	Helical
Formats	
Max Item Diameter	6" (152 mm)
Min Item Diameter	1.5" (38 mm)
Max Item Length	18" (457 mm)
Max Taper Angle	+ 10°/-2°
Ink Handling (colors)	CMYKW, CMYKWV, PCMYKWV, CMYKCMWV
Ink Channels	7 STD
Loading/Unloading	Manual
Feeder Capacity	1 Item
User Interface	On-board controller accessible via a 21" display
RIP Software	Onyx Thrive
Pretreatment	Dependent upon substrate
Curing	
Lamp Style	LED
Final Cure	Y
Pin	Y
Auto Lamp	Y
Dynamic Lamp Settings	Y
Automation	Automatic head wiping and capping
Dimensions/Weight	L: 93" (236 cm) W: 30" (76 cm) H: 73" (185 cm) 1060 lbs (480 kg)
Electrical Requirements	16A, 230 VAC, 50/60 Hz, Phase 1
Environment	18 to 30°C/65 to 86° F; Humidity 40-70% (recommended)
Factory Air	Continuously available compressed air with a minimum of 90psi (6.2 bar)



Max Speeds	Product Type	Per Minute	Per Hour	Per Shift	Per Day (2 shifts)
*speed is determined by image height, resolution and opportunity mode.	4" H (101.6 mm) artwork	up to 4.7	up to 282	up to 2,256	up to 4,512

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Contact us today to learn more:
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