LSINC
IDEAS TO REALITY

PINNACLE PRODUCT AWARD
20 22

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 **New!** Automatic Wiping and Capping of Inkjet Heads!

3 Up to seven (7) inks can be loaded into the standard ink configuration. Ink levels can be 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

- Prints on diameters from 1.5" to 6"
- Prints up to 18" long
- Automated head wiping and capping
- Prints on clear or colored glass
- Tactile designs
- Full-color seamless 360° printing
- Prints on cylinders and tapers
- Prints on demand — eliminates waste
- Prints on glass, metal, wood, and plastic
- Eco-friendly digital inks
- Quick change fixtures

APPLICATIONS

- Drinkware
- Personalized Items
- Protoyping
- Wine & Spirits
- Beverage
- Aerosol Cans
- Syrups/Flavorings
- Cosmetic
- Pharmaceutical
- Candle jars

Create beautiful design effects using reverse printing techniques!

OTHER LSINC DIRECT-TO-PRINT TECHNOLOGIES

MPeriQ360
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PINNACLE PRODUCT AWARD 2021

MPerivallo360m
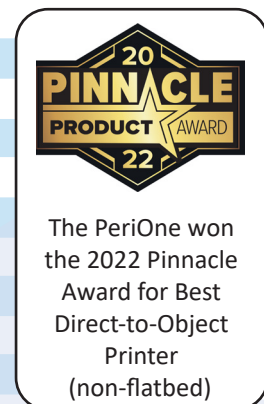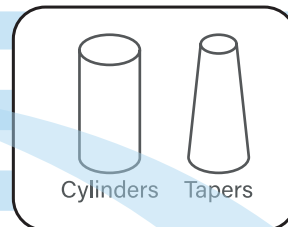AN LSINC INNOVATION

2021 PREMIER PRINT AWARD
Best of Category DIGITAL PRINTING

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

Tactile Printing | No Die-Lines | 360° Printing | Clear Media

SPECIFICATIONS

Print Technology	JetINX print engine
Inkjet Technology	Ricoh Gen4 Piezoelectric print heads
Standard Resolutions	780 x 900 to 1247 x 1200 dependent on diameter
Print Type	Helical
Max Coating Thickness	Depends on resolution
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
Ink Channels	7 STD
Loading/Unloading	Manual
Feeder Capacity	1 Item
Human Machine Interface (HMI)	On-board controller accessible via a 21" display
RIP Software	Onyx Thrive
Curing	
Lamp Style	LED
Final Cure	Y
Pin	Y
Auto Lamp	Y
Dynamic Lamp Settings	Y
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
Automation	Automatic head wiping and capping
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)

Cylinders   Tapers

The PeriOne won the 2022 Pinnacle Award for Best Direct-to-Object Printer (non-flatbed)

Max Speeds	Product Type	Per Minute	Per Hour	Per Shift	Per Day
*speed is determined by image height and resolution.	4" H (101.6 mm) artwork	up to 4.7	up to 282	up to 2256	up to 4512

Fast & Affordable Direct-to-Object Printer

Contact us today to learn more:

Call 1-256-721-4011
email info@LSINC.com

490 Discovery Dr. NW, Huntsville, AL 35806

POWERED BY JetINX™