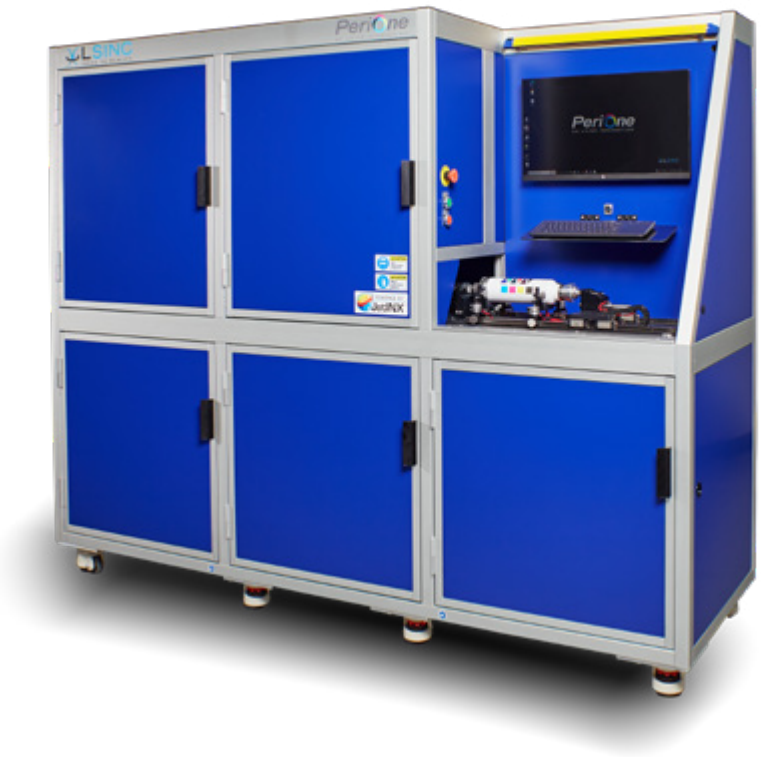
PeriOne
AN LSINC INNOVATION

Peri Series

SINGLE-ROTARY PRINTER



SINGLE-ROTARY 360° PRECISION

CONSISTENT QUALITY AT SPEED

FLEXIBLE ENTRY SOLUTION

HMI — Simple, repeatable workflows with built in control

- Human Machine Interface acts as a central print hub, storing product presets for consistent repeatable jobs.
- Seven channel ink configuration with monitored ink levels keeps operation smooth and predictable.
- JetINX print engine with industrial printheads ensures reliable, high quality cylindrical printing.
- Seamless 360° helical output powered by LSINC's dedicated software.

U — High speed performance for growing production

- Single-rotary printer delivers fast, efficient output for light production and personalised items.
- Print close to 5 items per minute for graphics of 102 mm (4 in.) high.
- Automatic head wiping and capping maintains performance and reduces downtime.
- Ink is pinned during printing for precise control, followed by a final UV cure for durable results.

Versatile printing across materials and applications

- Prints directly onto clear glass without needing a UV-blocking barrier layer.
- Compatible with glass, metal, wood, plastics, paper and more, supporting broad commercial applications.
- Multi-layer printing enables tactile effects, faux embossing and double-sided designs on transparent media.
- Ideal for drinkware, cosmetics, candles, beverage cans, prototyping, pharmaceuticals and personalised items.

Features and Benefits

+ Automated head wiping and capping maintain consistent output and reduce routine maintenance.
+ Ink recirculation and monitored ink levels support stable, reliable performance throughout production.
+ Multi-layer printing expands creative capability with tactile effects and double sided designs on clear media.
+ Integrated HMI software enables seamless 360° helical printing and efficient job setup.

Technical Specs

		LSINC PeriOne
Print Technology		JetINX print engine
Inkjet Technology		Industrial Piezoelectric printheads
Max. Resolution		Up to 1,247 x 1,200 dpi
Print Type		Helical (Cylindrical and Taper)
Format	**Max. Item Diameter**	152 mm (6 in.)
	Min. Item Diameter	38 mm (1.5 in.)
	Max. Item Length	457 mm (18 in.)
	Max. Taper Angle	+10° / -2°
Ink Colours		CMYK, Wh, Gl, Pr
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
Dimensions / Weight		2,286 (l) x 760 (w) x 1,855 (h) mm (90 (l) x 30 (w) x 73 (h) in.) 480 kg (1,060 lbs.)
Electrical Requirements		200-240V, 50/60 Hz, 16A, Single Phase
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.	101.6 mm (4 in.) artwork	up to 4.7	up to 282	up to 2,256	up to 4,512

Cylinders

Taper

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LSINC IDEAS TO REALITY