

# HELIX ONE

The World's First Desktop Digital Rotary Printer



- Designed in USA.
- Full range of pretreatment solutions.
- Fast changeover.
- Full suite/portfolio of machines to upgrade to.
- Producing innovative drinkware printers since 2015.



Scan to watch the Machine Introduction.



## INKCUPS

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# HELIX ONE

The Helix® ONE is the newest addition to the Helix® line of direct-to-object printers. This machine utilizes patented Helix® technology in a more compact design. The Helix® ONE is a dedicated cylinder printing machine designed to decorate straight walled and tapered cylinders including plastic bottles, stainless tumblers, glassware, candle holders and more.

Although a benchtop machine in design, the components of the Helix® ONE are far superior to competitive products in the market. This machine features a motor-driven operation with a fully automatic programmable tooling fixture & height adjust and high-precision, robust linear drive. The Helix® ONE also boasts 8W segmented software-controlled UV curing unit for optimal curing. The machine's build includes an automatic wiping and capping station, white and black sub-tank recirculating system, and the ability to add in jettable primer. The Helix® ONE's print heads utilize state-of-the-art MEMs head technology with integrated temperature control system and high-definition drop size (3-picoliter).

## FEATURES

COMPACT SIZE

FULL CMYKWV

PRINT ON STRAIGHT-WALLED & TAPERED CYLINDERS

MOTOR-DRIVE OPERATION

FULLY AUTOMATIC PROGRAMMABLE TOOLING FIXTURE



## SYSTEM SPECIFICATIONS

PART LENGTH	2" - 12" (51 - 305 mm)
PART DIAMETER	1.77" - 4.7" (45 - 120 mm)
MAX. IMAGE LENGTH	8.6" (220 mm)
MAXIMUM TAPER ANGLE	7°
INK CONFIGURATION	CMYKWV
RESOLUTION	600 x 1200 dpi
CURRENT/VOLTAGE	220 VAC
CE CERTIFICATION	Yes
DIMENSIONS (LxWxH)	48.3" x 32.5" x 37.4" (1227 x 825 x 950 mm)
WEIGHT	650 lbs (295 kg)

\*Information is subject to change

