

HELIX ONE



INKCUPS

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" - 12.2" (51 - 310 mm)
PART DIAMETER	1.77" - 4.6" (45 - 116 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

\*\*Maximum taper angle is part length dependent. The maximum taper angle for a 12.2 in (310 mm) long part is 4°