

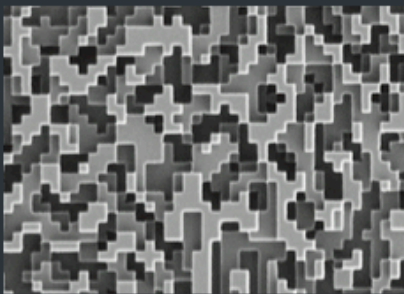
# Nanoimprint lithography with a desktop HoloPrinter

Ideal for Rapid Prototyping, Experimentation and Education

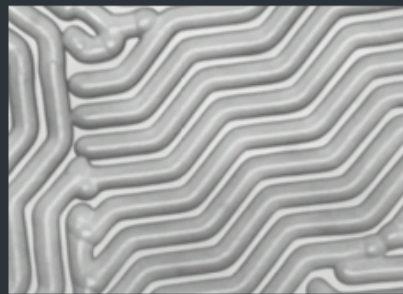


## HoloPrint® uniA6 DT

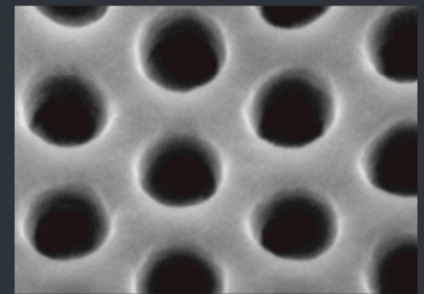
The HoloPrint® uniA6 DT is an easy-to-use desktop device for lab-scale nanoimprint lithography work. Applications include nanoimprinting of surface structures, diffractive optical elements and other types of functional opto-structures.



**4-level beam splitter**  
Cell width/depth 500nm  
Courtesy of NIL Technology



**Micro-engraving**  
Line width 20µm, depth 10µm  
Courtesy of Karmic Srl

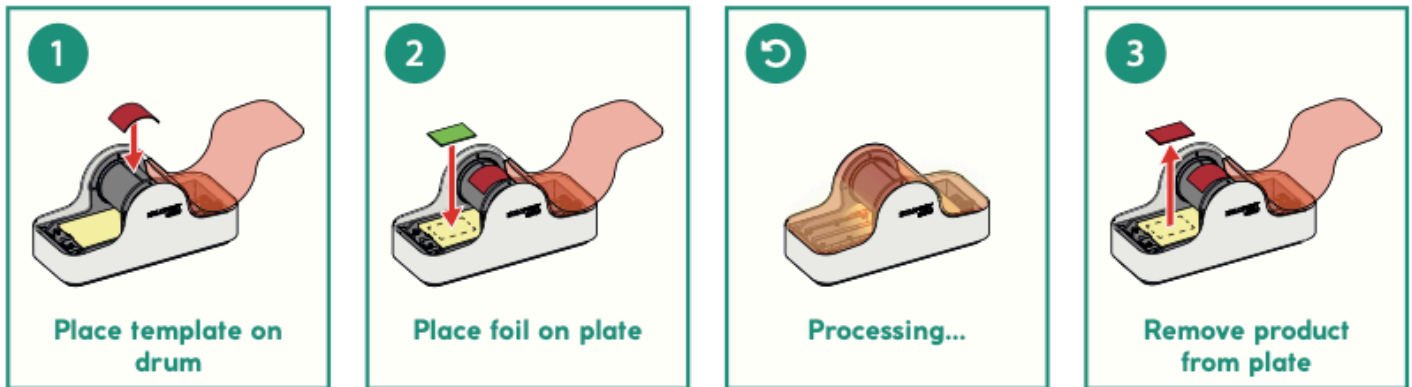


**Nanostructure for life science**  
Cavity diameter 350nm  
Courtesy of IMT AG

The HoloPrint® uniA6 DT enables the user to carry out testing and characterisation of photo-curable resins and nanoimprint materials. It comes with our patented optical curing engine and easy mounting method for nanoimprint templates. Use your own templates made of PDMS or HPDMS or make templates from our easy-to-use consumables.

Get a quick and easy start on Nanoimprinting with the **HoloPrint® uniA6 DT** and selection of consumables

## Fast replication of nano-structures



### HoloPrint® uniA6 DT overview

	<b>Specs</b>	<p>Max imprint size: Replication speed: Two outputs: Optical curing engine: Device Size and Weight:</p>	<p>105x148 mm (WxL), Substrate thickness up to 8mm 60 manual replications per hour (speed up to 6m/min) Roll to plate and roll to foil operation LongLife 395nm LED, up to 100mj/cm2 at 6m/min 670x380x320 mm (LxWxH), 26kg</p>								
	<b>Tools</b>	<p>Sturdy flight case Protective cover foil Allen key screwdriver Digital thermometer Lee filter sheet PP Pipettes: 8 pcs</p>	<p>Imprinting plates: 3 pcs Soft impression sheet Glass plate 3x155x310 mm 3M Scotch 810 Magic tape Power Supply (220/110 VAC)</p>								
	<b>Foils</b>	<p>Substrate Material PVC, 200µm: 15 pcs PC, 180µm: 15 pcs PET, 125µm: 15 pcs</p>	<table border="1"> <thead> <tr> <th>Size</th> <th>Bearer stripes</th> </tr> </thead> <tbody> <tr> <td>105 x 148 mm</td> <td>15 x 300 mm; 6 pcs</td> </tr> <tr> <td>105 x 148 mm</td> <td>15 x 300 mm; 6 pcs</td> </tr> <tr> <td>105 x 148 mm</td> <td>15 x 300 mm; 6 pcs</td> </tr> </tbody> </table>	Size	Bearer stripes	105 x 148 mm	15 x 300 mm; 6 pcs	105 x 148 mm	15 x 300 mm; 6 pcs	105 x 148 mm	15 x 300 mm; 6 pcs
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	<b>Chemistry</b>	<p>Template resin DM56 Template resin DM57 Replication resin X29 Replication resin X166b</p>	<p>10ml (low viscosity) 10ml (high viscosity) 10ml (high viscosity) 10ml (low viscosity)</p>								

**STENSBO**  
Come talk to us about your special nanoimprinting needs.  
We have over 20 years of experience.