

Remote Support

Plug & Play



## LED dryer for the polymerization of LED inks on containers

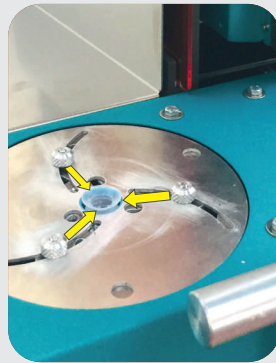
Combined with semi-automatic screen printing machines completes the process of printing and curing of the container



Settable parameters with recipes saving



Manual centering system



Centering system with vacuum generation



Designed for additional LED lamps



Container automatic detection sensors



View of the process in complete safety



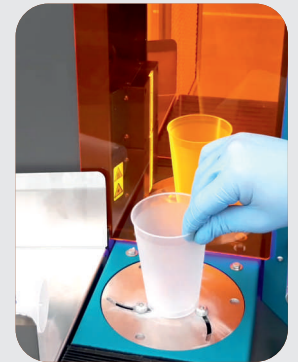
Automatic unloading with integrated blow



LED curing function of cups and mugs



Unloading slides for direct packaging



Single or double container loading





## **Benefits of CYL STATION in the printing+curing cycle**

### **PRINTING QUALITY and DEFINITION**

LED printing has a higher brightness and a better quality in the definition of micro-characters and small lines or details.

The final result is constant for each production lot thanks to the LED ink that does not lose solvent.

LED inks replace the traditional solvent inks, are VOC free, remain fluid, always ready for printing and they do not get dried on the frame.

### **LED CURING**

LED polymerization is immediate, with no overheating of the support and has a low energy consumption.

## **Type of packaging dryable with CYL STATION**

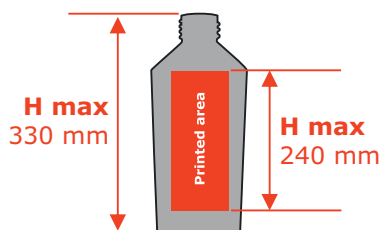


### **Container dimensions**

Ø min 5 mm

5 < Ø < 20 mm  
with special adaptor

Ø max 120 mm



### **Functioning**

CYL STATION of Photo Electronics is the complete system that polymerizes immediately the inks applied on containers with cylindrical, elliptical, conical or irregular shape, previously printed with semi-automatic screen printing machines.

It consists of a loading/unloading carriage and a curing chamber with DROLED UV LED lamps.

All operational settings are managed manually through the touch screen, such as processing cycle data, intensity of the lamps and the details of the container.

The printed container is loaded by the operator onto the carriage, automatically transferred to the curing chamber, polymerized with UV LED technology and unloaded at the end of the cycle.

Different operating modes are available depending on specific needs.



Dimensions:  
mm700x702x1248(h)  
Weight Kg 95 (w/o lamps)  
Wooden shipping box:  
88x88x146h cm - 60.0 kgs

### **Optional accessories**

- Expandable with additional LED lamps
- Specific centering system for objects with particular shapes
- Cart with lockable wheels
- Sheet metal conveyor for containers unloading into the box

