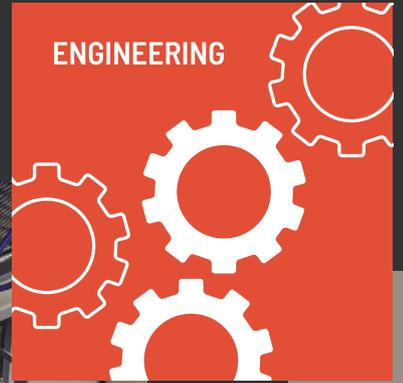


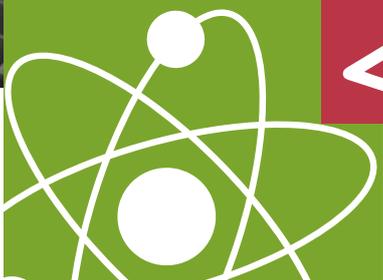
FlyDryHybrid

UVA-LEDtronic + IR-Drytronic

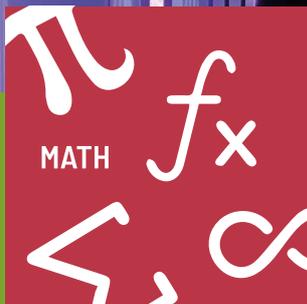
ENGINEERING



SCIENCE



MATH



TECHNOLOGY



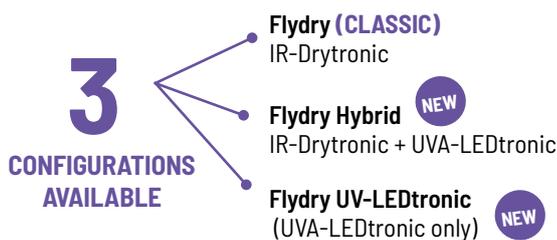
 **Symach**
THE CHANGEMAKER

The LED-Tronic technology is the result of research by Symach's R&D division, from study of the correct wavelength for the new generation UV coatings, to the LEDs used, to the mechanical design of the product and the performance obtained, are the result of years of work that led to having a result with top-level performance, overcoming the barriers and limits that until now, have hindered the spread of this technology.

The LEDs used are of different wavelengths, all in the UV-A segment. They are assembled along a line of reflectors studied and designed to **achieve the fastest and most efficient drying result on the market**. The LEDs are controlled by an electronic board with a temperature control device that cuts the electric power in the event of the device overheating due to prolonged and continuous use of it. In the Flydry-UV version, the LEDs are installed on an aluminium support equipped with a heat sink inserted in a case with active cooling through extractor fans, **allowing prolonged use of the lamp; for drying several panels or several cars in sequence**.

To dry the UV coating product (body filler, primer, clearcoat) refer to the instructions of coating manufacturer. For the most common UV products **the exposure time is about 30/40 seconds**, the exposure time is also proportional to the type and thickness of the sprayed product. **Using the Flydry-UV will allow a greater speed of execution and a greater safety of drying in the case of paint application of excess thickness**.

The Flydry-UV has a radiation surface of 200 cm (6' 6 3/4"): thanks to its size **it is possible to dry in a single application small and large surfaces such as an entire vehicle side, bonnet or roof of a car**. The Flydry-UV already has in its memory the drying recipe for UV-putty, UV-primer and UV-clearcoat by some paint manufacturers, but these can be changed and modified, or new ones can be added. To give an idea of the speed of drying, the Flydry-UV dries at a speed of 100cm (3' 3 3/8") linear per minute. Therefore an area of 200 cm (6' 6 3/4") x 100 cm. (3' 3 3/8") or 20,000 cm² (3,100 sq. in) per minute can be dried.



RETROFIT

KIT UVA-LEDtronic: it is possible to upgrade a classic Flydry purchased after 2005 by purchasing the Kit which includes the two UV lamps, lower and upper, and the more powerful pneumatic piston to raise the Flydry arm, thus achieving a hybrid Flydry with IR-Drytronic and UVA-LEDtronic technology.

TECHNICAL DATA

Flydry Classic IR-Drytronic		
see catalogue and tech sheet Flydry IR-Drytronic		
Flydry-UV		
UVA-LEDtronic dimension (1 panel)	850 x 220 mm	33.5 x 8.6"
Power consumption UVA-LEDtronic (1 panel)	270 W	
Power supply (european version)	230 V	
Power supply (american version)	208 V	
UV irradiation surface length (2 lamps of 1 m)	2 m	6'6 3/4"

FLYDRY-UV ADVANTAGES

No waiting times	No size limits
Unlimited time for the use	Extremely easy to use
100% instant and complete drying	Paint materials that can be immediately sanded

RESTRICTIONS

We recommend the use of glasses and devices suitable for protection from UV rays.

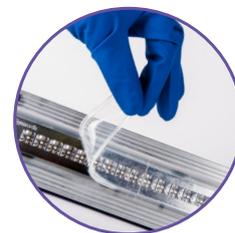
CERTIFICATIONS

Europe EU: CE - ATEX II 3 G / ISO 9001



EXTRACTOR FANS

for an active cooling, to prevent overheating and to allow prolonged use of the lamp.



SILICONE PROTECTION

For LEDs and reflector, to avoid that the over spray of the paint and the dust reduces the performance of the device over time. The silicone membrane protection is easily washable and replaceable in case of damage.



Look how to use it



30 SECONDS

SPRAYING

DRYING

SANDING