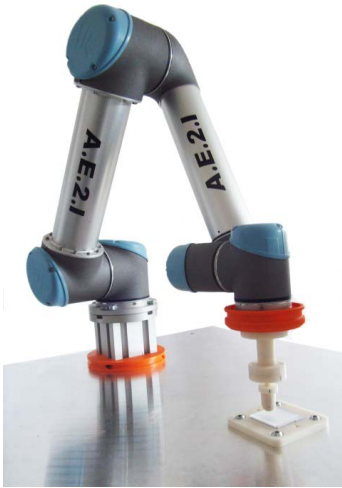


# HD-SPREADMASTER

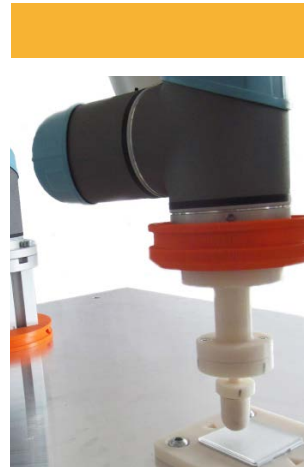
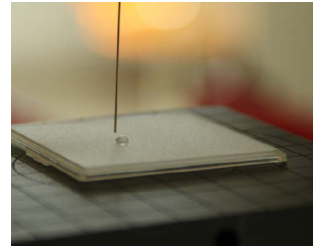
By



HelioScreen



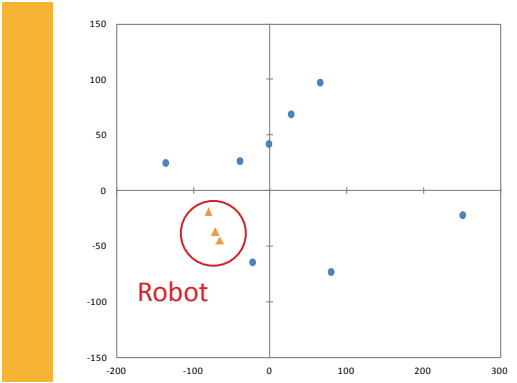
New spreading method for sunscreen evaluation



Adapted for HD6 & SB6 substrates

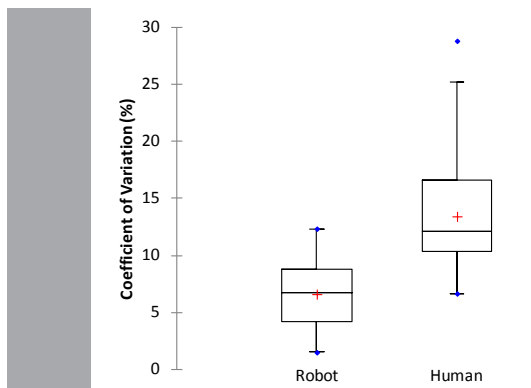
Dedicated to In Vitro UV testing

Conformity with current standards



Comparison Robot vs. Human spreading

Study conditions  
8 laboratories  
36 sunscreens evaluated



Repeatability & Reproducibility improvement

Publication in C&T October 2013

Video  
Click here

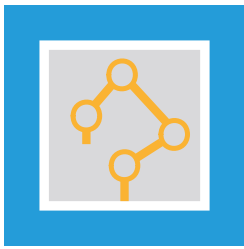


[www.helioscreen.fr](http://www.helioscreen.fr)



**HelioScreen Europe**  
44, rue Leon Blum - 60100 Creil - France  
Laboratory - Phone: +33 (0) 344 551 791 -  
email: labo@helioscreen.fr

**HelioScreen Asia Co, Ltd.**  
CAHB building - 49 Soi Phokaew3 Yak19, Phokaew Road,  
Klongchan, Bangkok, Bangkok 10240 - Thailand  
Phone: +66(0)2-510-7489



# HD-SPREADMASTER

By  HelioScreen

## Description

The HD-SPREADMASTER is a robot which carries out the automatic spreading of the sunscreen on the substrate. It allows a total control of the product spreading and ensures the reproducibility of the In Vitro UV testing with a very low variability range.

Spreading process: First, 3 stages of distribution using small circular motions  
Second, 3 stages of rubs using alternating horizontal and vertical strokes

Spreading time: 1 min

Spreading pressure: Approx. 100 g

Spreading tool: Surface hardness 20 shores, Silicone material

Substrates compliant: Molded Helioplates HD6  
Sandblasted Helioplates SB6

Temperature control: HD-THERMASTER  
(option)

## Technical specifications

Weight: 65 kg

Power supply: 100-240 VAC, 50-60 Hz

Overall size (WxHxL): 800 mm x 1400 mm x 800 mm

Working height: 800 mm

Material: Aluminium, ABS Plastic

Power consumption: Approx. 100 Watts

IP Classification: IP54

Temperature: Operational temperature range 0-50°C

**Price: Contact us**

