

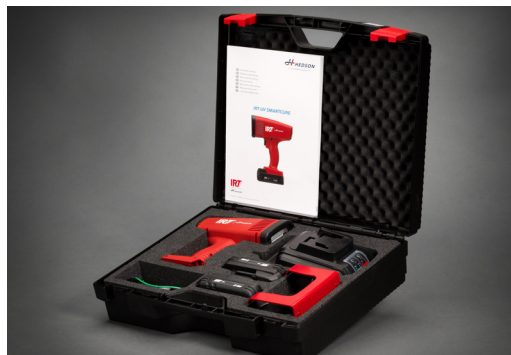
INNOVATIEF STERK

Vip Tools

FORT EN INNOVATION

## IRT UV SMARTCURE

High-quality, high-intensity UV-A LED curing



IRT  
SYSTEM

### SUPER LIGHT AND ERGONOMIC

- Tested to withstand high impact.
- Flame resistant plastic shell reinforced with 25% glass fiber and 3 mm scratch and solvent resistant tempered safety glass.
- Lightweight comfort and easy to use with a precise trigger switch.



WITH 2 BATTERIES

## IRT UV SMARTCURE

### 200 W UV-A LED battery powered curing

*SmartCure comes with two exchangeable batteries and cures UV-A filler and primer in seconds, available for 365 nm/ 395 nm.*

IRT UV SmartCure has an extremely powerful output, offering market leading peak/average light intensity.

By combining a powerful UV-LED-module, advanced cooling technology and light weight batteries, reliable, highly effective, non-fluctuating UV-curing is achieved.

Advanced electronics minimizes the risk of machine damage by active ventilation and by monitoring the temperature of both electronics and LED-module. This provides safe operation with efficient steady state voltage LED-output and current control regulation.

- Available for 365 nm/ 395 nm
- Weighs just 1 kg, for excellent work comfort
- High intensity is constant until battery is at 0%

#### ELIMINATE DOWNTIME

With two exchangeable 18V lithium-ion batteries and 45 minute charging time, IRT UV SmartCure is always available.

#### RELIABLE CURING RESULTS

By working closely with leading paint manufacturers IRT enables reliable paint processes in all bodyshops.

#### ULTIMATE CURING GUIDE

To obtain peak performance, work at appr 100 mm from surface. @ filler/primer thickness 80-120  $\mu\text{m}$ ,  $\varnothing$  160 mm is cured in appr 10 sec. (Peak light intensity  $>350 \text{ mW/cm}^2$ , average  $>250 \text{ mW/m}^2$ ).



### DUST COVER

Optional protective dust cover with magnets, art no 715193.

### WALL BRACKET

Magnetic wall bracket, included as standard.



### UNIQUE BEAM SPREAD

24 pieces of domed LED's create a unique beam spread over the complete curing area.



### HARD CASE\* / CARDBOARD BOX\*

Optional heavy-duty case, art no 800806.

### LOW MAINTENANCE

Replaceable filter protects electronics inside, art nr 715074.



### DISPLAY GUIDES THE WAY

All fillers, primers and clear coats have different curing cycles.



### DETAILS

Battery type	18 V Lithium-ion
Weight, IRT UV SmartCure + 1 battery	1,16 kg
Dimensions, IRT UV SmartCure + 1 battery (WxHxD)	189x250x88 mm

### IRT UV SMARTCURE

Part no.	Article	Current, SmartCure / Charger	Power	Voltage (Battery charger)	Risk Group EN 62471	Frequency
715070-X*	SmartCure 395 nm	8A/2A	200 W	100-240 V	(RG-3)	50-60 Hz
715365-X*	SmartCure 365 nm	8A/2A	200 W	100-240 V	(RG-3)	50-60 Hz

2 batteries, charger, magnetic wall bracket and UV Safety glasses included in delivery. Ambient temp max 40° C.

\* SmartCure 395 nm alternatives:

EU; in cardboard box 715070-1 / EU; in hard case 715070-2  
 NA; in cardboard box 715070-3 / NA; in hard case 715070-4  
 UK; in cardboard box 715070-5 / UK; in hard case 715070-6  
 JP; in cardboard box 715070-7 / JP; in hard case 715070-8  
 AUS; in cardboard box 715070-9 / AUS; in hard case 715070-10

\* SmartCure 365 nm alternatives:

EU; in cardboard box 715365-1 / EU; in hard case 715365-2  
 NA; in cardboard box 715365-3 / NA; in hard case 715365-4  
 UK; in cardboard box 715365-5 / UK; in hard case 715365-6  
 JP; in cardboard box 715365-7 / JP; in hard case 715365-8  
 AUS; in cardboard box 715365-9 / AUS; in hard case 715365-10



## IRT UV SMARTCURE

- 1** Specially developed UVA-LED, optimized to fully and securely cure 395 nm coatings.
- 2** Superior LED-module, completely customized for IRT UV SmartCure. Completely sealed to avoid dust and dirt that could decrease light performance.
- 3** Safety glass, 3 mm scratch and solvent resistant tempered glass with glass fiber reinforced frame to prevent glass from breaking. Protects the UV-LED's.
- 4** Skived fin heat sink to get best possible heat management.
- 5** Ergonomic grip with precise trigger switch.
- 6** High performance 18V Lithium-ion rechargeable battery.
- 7** Display with timer, battery level and other useful functions.
- 8** Powerful fan to get maximum cooling.
- 9** Advanced electronics with amplifier and inductor for high-efficiency DC/DC converters which makes it possible to get a higher curing effect.
- 10** Flame resistant plastic shell reinforced with 25 % glass fiber to withstand high impact.
- 11** Temperature sensors to guarantee that neither the electronics or LED's can be overheated.