

# Intelligent curing at your fingertips

## Bluephase® PowerCure

The high-performance  
curing light with intelligent  
curing assistant



# Reliability and efficiency meet intelligence.

Bluephase® PowerCure is the first intelligent high-performance light for the intraoral curing of all light-curing dental materials.

The 3sCure mode allows you to reliably cure Adhese® Universal, Tetric® PowerFill and Tetric® PowerFlow in only 3 seconds.<sup>[1]</sup>

The backlit display keeps you informed about the curing mode and the curing time.

**Sufficient curing is a prerequisite for creating esthetic and high-quality direct and indirect restorations.**

- ✓ Rely on intelligent and reliable curing results
- ✓ Use the device for all current light-curing dental materials
- ✓ Keep an overview of the light-curing program and time
- ✓ Benefit from short light exposure times starting from 3 seconds

When it is activated the light-curing assistant detects any movement of the handpiece during the polymerization process and alerts you to any improper use.<sup>[2]</sup>

<sup>[1]</sup> Only suitable for Class I & II restorations in posterior teeth light-cured from the occlusal aspect.  
<sup>[2]</sup> The Instructions for Use provide the information needed to use and operate the device.

# Intelligent watches. Intelligent cars. Intelligent Bluephase.

You will most likely have encountered the situation where your handpiece slightly shifts from its position during polymerization. The intelligent light-curing assistant of the Bluephase PowerCure – called Polyvision – recognizes this irregularity and alerts you.

## What happens when the light-curing assistant is activated?

### A slight shift

- ✓ One vibration signal
- ✓ The light exposure time increases by 10%

### A considerable shift

- ✓ Three vibration signals
- ✓ Acoustic signal
- ✓ Discontinuation of the curing process
- ✓ Repetition of the polymerization process

When the light tip points into open space, the device cannot be activated.

## Learn more!



Details about the Bluephase PowerCure are provided on our website:  
[ivoclar.com/Bluephase-PowerCure](https://ivoclar.com/Bluephase-PowerCure)

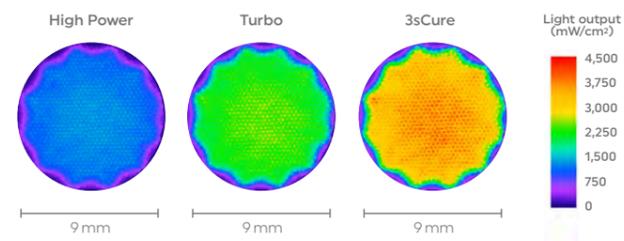
# You demand the best possible quality and reliability. So do we.

Proper use is a prerequisite for sufficient polymerization. What is more, the quality of the device is just as important.

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Bluephase PowerCure offers you:

- ✓ **Unlimited compatibility with different materials**  
The wide spectrum of wavelengths renders the light suitable for all current light-curing dental materials.
- ✓ **High light intensity**  
It is suitable for polymerizing both direct and indirect restorations – in particular for the luting of ceramics.
- ✓ **Consistent light performance**  
The light intensity of every curing mode is calibrated to +/-10%.
- ✓ **Uniform polymerization**  
Due to the homogeneous distribution of light across the entire light tip



The beam profiles taken under identical conditions at a distance of 0 mm by Dr Richard Price, Dalhousie University, Canada, show the unfiltered irradiance distribution of the blue and violet light at the tip of the Bluephase PowerCure light guide.  
The Bluephase PowerCure has an excellent beam profile that delivers a homogeneous light and wavelength output across the light tip.



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## Did you know?

The charging station of Bluephase PowerCure houses a radiometer.

# Everything in view. Everything under control.

The backlit display keeps you informed about the curing program and time of the curing process.



## What happens when the battery is empty?

When the battery is empty you can attach the handpiece to the power cord of the charging station.

### 3sCure 3,000 mW/cm<sup>2</sup>

Reliable curing of Adhese Universal and the 4-mm composites Tetric PowerFill and Tetric PowerFlow in only 3 seconds.

### High Power 1,200 mW/cm<sup>2</sup>

Suitable for common day-to-day treatments.

### Light curing times

### Induction charging



20

15

10

05

03



ivoclar  
vivadent

### Turbo 2,000 mW/cm<sup>2</sup>

Curing in only 5 seconds. Suitable for all types of restorations and for luting composites in particular.

### PreCure

Very useful for the removal of excess light-curing adhesive luting composites.

### Intelligent light-curing assistant activated

# Efficient treatments. More time for you and your patients.

In most cases, the **9-mm light guide** enables efficient one-time light exposure.

The high-performance Bluephase PowerCure offers short light exposure times starting from **3 seconds**.

In direct procedures involving Class I and II restorations, the treatment time can be reduced by up to **51%**. You can cure Adhese Universal, Tetric PowerFill and Tetric PowerFlow in only 3 seconds using the 3sCure mode.<sup>[3]</sup>

Up to  
**51%**  
time saved



## Bluephase G4

The high-performance Bluephase G4 polymerization device also features the intelligent light-curing assistant. It offers High Power and PreCure modes, but no Turbo or 3sCure modes.



## Curing programs

Device	Program	Time	Light intensity (mW/cm <sup>2</sup> )	Application areas	Material <sup>[4]</sup>
Bluephase PowerCure	3sCure	3 seconds	3,000	restorations in the posterior region of permanent dentition (Class I and II)	Tetric PowerFill, Tetric PowerFlow, Adhese Universal
Bluephase PowerCure	Turbo	5 seconds	2,000	all restorations in Class I to Class V cavities and indirect restorations	e.g. IPS Empress® Direct, Tetric Prime, Adhese Universal
Bluephase PowerCure Bluephase G4	High Power	10 seconds	1,200	all direct and indirect restorations	e.g. IPS Empress Direct, Tetric Line, Adhese Universal, Variolink® Esthetic
Bluephase PowerCure Bluephase G4	PreCure	2 seconds	950	removal of excess material	e.g. Variolink Esthetic

## Delivery forms

Bluephase	
667092	PowerCure with Click & Cure and integrated radiometer
691258 / 691257	G4 grey without / with Click & Cure and integrated radiometer
691254 / 691253	G4 blue without / with Click & Cure and integrated radiometer
691261 / 691260	G4 green without / with Click & Cure and integrated radiometer
691268 / 691267	G4 pink without / with Click & Cure and integrated radiometer

[3] Only suitable for Class I & II restorations in posterior teeth light-cured from the occlusal aspect.

[4] Details about light-curing times are provided in the different Instructions for Use.

# Direct restorative treatment for efficient esthetics

Our coordinated products for direct restorative treatments allow you to fabricate high-quality, esthetic restorations with increased efficiency.



## Isolate

Comfortable isolation with OptraGate and OptraDam



## Bond

Efficient bonding with the Adhese Universal VivaPen



## Restore

The Tetric Line – the solution for all cavities



## Contour

Easy adaptation of materials with OptraSculpt



## Cure

Curing with high-performance Bluephase polymerization lights



## Polish

Shiny surfaces produced with OptraGloss



## Protect

Effective prevention with Fluor Protector S