

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.



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

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

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

3s

03



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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.^[2]

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

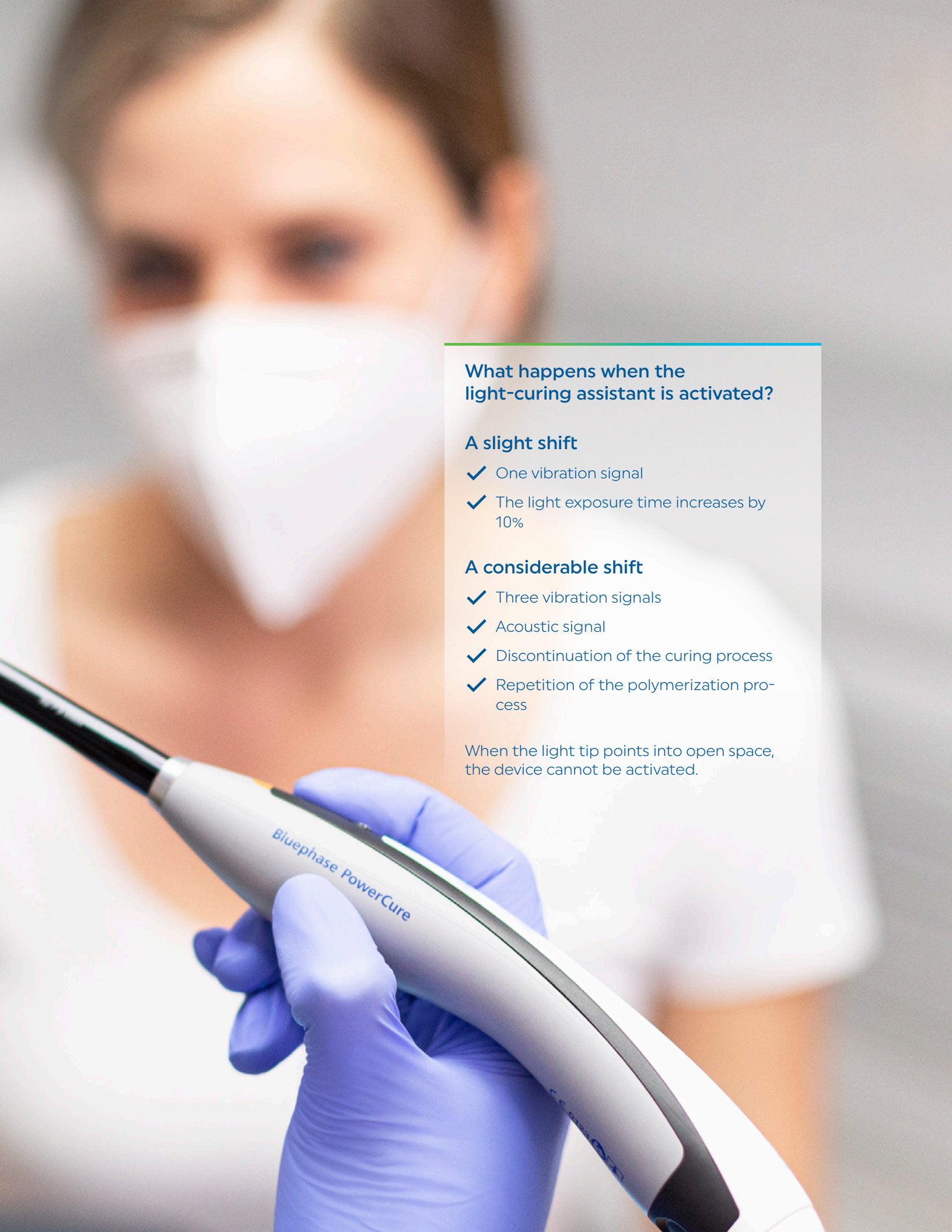
Intelligent watches. Intelligent cars. Intelligent Bluephase®.

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.

Learn more!



Details about the Bluephase PowerCure
are provided on our website:
ivoclar.com/Bluephase-PowerCure



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.

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.

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**

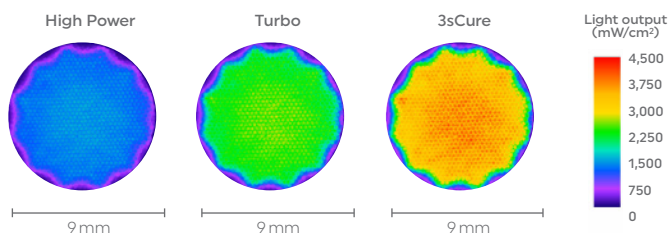
It is suitable for polymerizing both direct and indirect restorations – in particular for the luting of ceramics.

✓ **Consistent light performance**

The light intensity of every curing mode is calibrated to +/-10%.

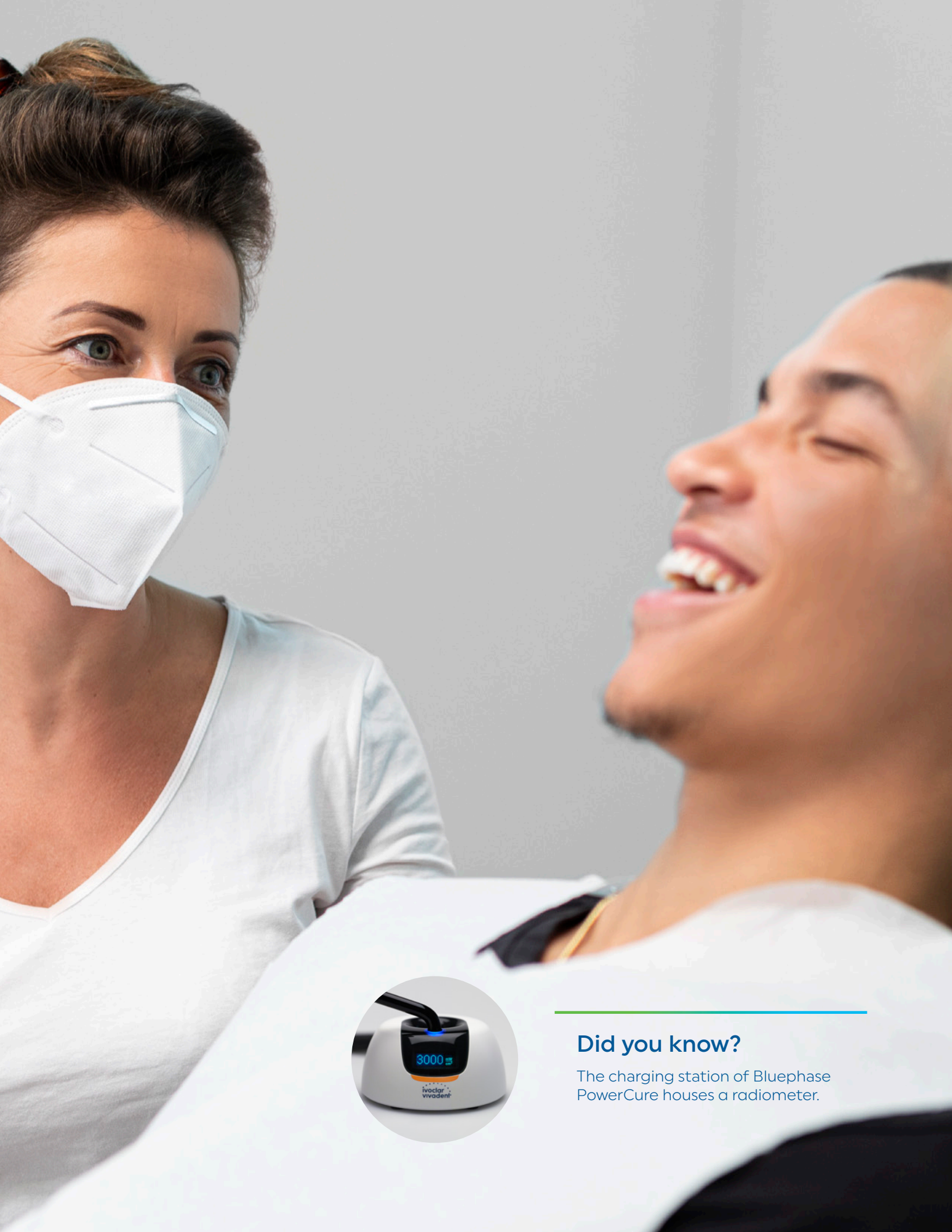
✓ **Uniform polymerization**

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.



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/cm²

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

High Power
1,200 mW/cm²

Suitable for common day-to-day treatments.

Light curing times

Induction charging



Turbo
2,000 mW/cm²

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.^[3]

Up to
51%
time saved



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

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 ²)	Application areas	Material ^[4]
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	
760685BU	Bluephase PowerCure System Kit Mixed Contents: 1 Bluephase PowerCure 100-240V 1 Tetric PowerFill IVA Refills (20 x 0.2g) 1 Tetric PowerFlow IVA Refill (1x2g) 1 Adhese Universal VivaPen (1x2ml)
760684BU	Bluephase PowerCure System Kit Syringe Contents: 1 Bluephase PowerCure 100-240V 1 Tetric PowerFill IVA Refills (1x3g) 1 Tetric PowerFlow IVA Refill (1x2g) 1 Adhese Universal VivaPen (1x2ml)
667092BU	PowerCure with Click & Cure and integrated radiometer
691258BU / 691257BU	Bluephase G4 gray without/with Click & Cure and integrated radiometer
691254BU / 691253BU	Bluephase G4 blue without/with Click & Cure and integrated radiometer
691261BU / 691260BU	Bluephase G4 green without/with Click & Cure and integrated radiometer
691268BU / 691267BU	Bluephase G4 pink without/with Click & Cure and integrated radiometer

[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

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