ivoclar

Intelligent curing at your fingertips

Bluephase®
PowerCure

The high-performance curing light with intelligent curing assistant



Making People Smile

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.[1]

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.[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.

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!

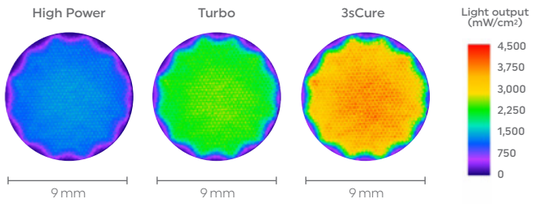
Details about the Bluephase PowerCure are provided on our website:
ivoclar.com/Bluephase-PowerCure

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?

With Click&Cure you can attach the power cord of the charging station to the handpiece.



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]



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

Bluephase® family

The proven devices of the Bluephase family – designed for the intraoral polymerization of light-curing dental materials – have been on the market for many years.
In addition to Bluephase PowerCure, we also offer Bluephase G4 and Bluephase EasyCure.

Bluephase® G4

Bluephase G4 is a high-performance curing light that features an intelligent light-curing assistant. It offers High Power and PreCure modes, but no Turbo or 3sCure modes.



Bluephase® EasyCure

Bluephase EasyCure is also a high-performance curing light featuring a high-power program (1,200 mW/cm²) for fast, reliable, and efficient light-curing in only 10 seconds. The single-button functionallity is easy-to-use and thus provides for effortless polymerization in day-to-day treatments.

NEW



Curing programs

Device	Program	Time	Light intensity (mW/cm²)	Application areas	Material[4]
Bluephase PowerCure	**3sCure**	3 seconds	3,000	restorations in the posterior region of permanent dentition (Class I and II)	Tetric plus 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. Tetric plus, Tetric Line, Adhese Universal
Bluephase PowerCure **Bluephase G4** **Bluephase EasyCure**	**High Power**	10 seconds	1,200	all direct and indirect restorations	e.g. Tetric plus, 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
762137	**EasyCure** without Click&Cure and without 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

Relaxed and efficient treatments with OptraGate 2



Bond

Efficient bonding with the Adhese Universal VivaPen



Restore

Count on Tetric plus – the new simplified universal composite



Cure

High curing performance delivered by Bluephase PowerCure



Polish

Shiny surfaces produced with OptraGloss



Care

Effective prevention with Fluor Protector S

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