**Press release**

D-Light Pro from GC

**D-Light Pro is more than just a curing light**

**Dentists want the convenience of one curing light for all situations, but often the specifications of the devices restrict their use to camphorquinone-based materials or their size makes them uncomfortable to use for certain indications. But what if dentists could pick up a curing light knowing it will properly cure whatever material they are using? What if they could cure close to the pulp, confident that there is no risk of harm? What if the light could also help them to visualise bacterial activity in plaque and infected dentin, micro-leakage and old fluorescent restorations? What if the light was so small that it could be handled like a hand instrument?**

Well, the “what ifs” are now reality with the all-new D-Light Pro from GC. This high-powered, dual-wavelength LED curing light offers efficient curing, of course, but that’s just the beginning: D-Light Pro cures, protects and detects. On top of that it’s as thin as a pen, and so light that you can hold it and manipulate it the way you would a hand instrument.

**The light that’s sure to cure**

D-Light Pro offers two curing modes (High Power & Low Power) with 20-second cycles, both guaranteeing an efficient polymerisation of all light-cured dental materials. This is achieved by using two LEDs with different peak wavelengths (400-405nm & 460-465nm), resulting in a wide spectrum and the ability to cure all materials regardless of the photo-initiator used in their formulation.

**The light that protects**
While the High Power mode offers the highest curing efficiency with an output of 1400mW/cm**2**, the Low Power mode at 700mW/cm**2** enables to limit heat generation, for instance to cure adhesives and composites in deep cavities where the preparation comes close to the pulp.

**The light that detects**

D-Light Pro has a unique Detection mode that uses near-UV violet light to help visualising what is often invisible to the naked eye: old fluorescent restorations, bacterial activity in plaque, fissures and infected dentin or micro-leakage at restoration margins. D-Light Pro is also a great tool to support a minimally invasive approach in many situations. Consider for instance how it takes the guesswork out of cleaning fissures prior to sealing: the violet light will confirm instantly whether this step has been completed correctly. And consider how helpful it is that the light clearly distinguishes between tooth structure and fluorescent restorative materials. It allows the dentist to remove only what needs to be, like old restorations or excess cement, for example after the removal of orthodontic brackets.

**Light by name, light by nature**

At just 95g and unusually thin for a curing light, D-Light Pro offers unsurpassed handling for the dentist and comfort for the patient. Its small size and ergonomic design offer easy access in both anterior and posterior areas, with a manipulation similar to that of a hand instrument. A well-collimated beam also ensures that polymerisation will be efficient even when it is not possible to place the light in ideal proximity to the material being cured.

**Low battery, no problem**

The kit of D-Light Pro contains two batteries which can be swapped easily in just a few seconds thanks to an easy plug-in/plug-out system – making it possible to always have one battery in use and one charging. When the light is not in use, both batteries can be charged at the same time. Never run out of power!

**Autoclave? Of course**

One more thing: GC has also thought about sterilisation, and so the D-Light Pro is the first curing light that can be fully autoclaved once its electronic module & battery have been removed - which takes no more than a second. No more worries about hygiene!

**D-Light Pro – it’s by GC, for dentists**

We at GC are proud to launch D-Light Pro because it is the embodiment of our philosophy of helping dentists achieve their aims of minimum intervention dentistry and solving the clinical problems they face every day. D-Light Pro will make their work easier and more enjoyable, with optimum outcomes.

For more information about D-Light Pro, go to [www.gceurope.com](http://www.gceurope.com)

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