

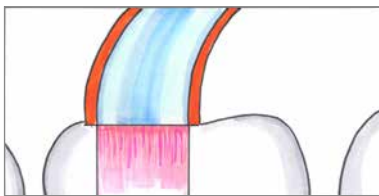
QUICK START

GCP Glass Carbomer® Tech ThermoCURE Technique

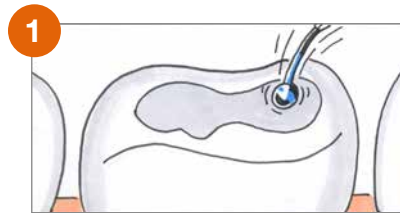


With the purchase of the GCP CarboLED CL-02 you have added a quality product to your practice. Although the lamp was specially designed for thermocuring of glass carbomer and glass ionomer products, this lamp is also suitable for curing all common types of composites through broad spectrum blue light. Your lamp is therefore in practice the first universally applicable instrument for curing almost all restorative products.

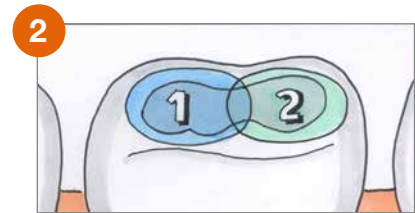
Thermocure introduction



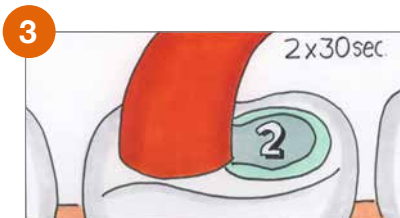
Introduction: After placing GCP Glass Fill, Seal, Crown or Bridge cement, thermally accelerated curing or "thermocure" will quicken setting time and greatly increase the setting strength. GCP setting reaction, unlike composite restoration, is essentially endothermic. Thermocuring counteracts the cooling reaction, is absorbed by Glass Carbomer and not tissue.



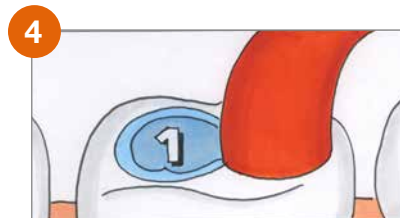
1 Shape GCP restorative material with instruments coated with GCP Gloss.



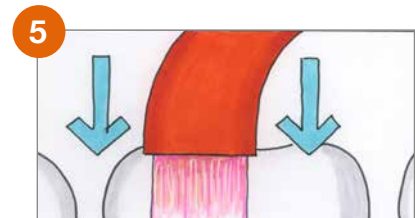
2 Switch on GCP CarboLED and set time for 30 secs (See CarboLED getting started instruction). Place tip onto the GCP restorative so that it is touching. The "touch-down technique". This direct contact is essential to transfer heat. Larger restorations covering a wide surface area may require to repeat the thermocure procedure to cover the complete surface.



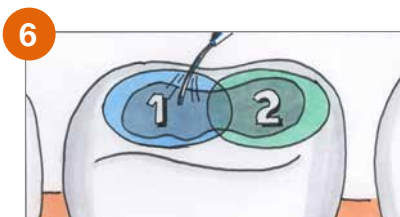
3 The thermocure procedure will require 2 x 30 secs minimum thermocure. Only use GCP CarboLED for this purpose. With larger restorations, repeat procedure.



4 Repeat on adjacent surface as required. Apply thermocure to next position on the restoration surface.



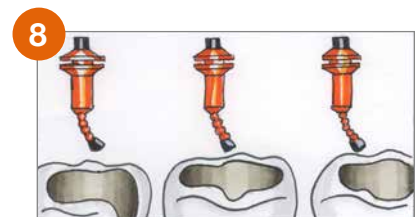
5 The TOUCH-DOWN TECHNIQUE with the light guide in contact with the restorative surface is essential for effective THERMOCURE.



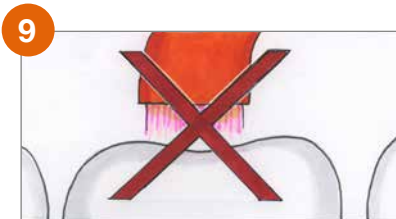
6 After Thermocure, test hardness by running a sharp probe over the material surface. Repeat thermocure with a further 30 seconds if scratching sound cannot be made.



7 Finally shape and polish using standard rotary abrasive points or discs.



8 Treat each restoration separately.



Avoid distance during thermocure.

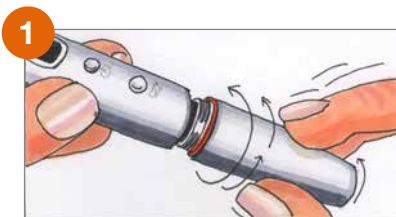


Avoid movement during thermocure.

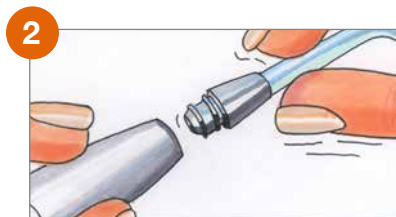
Curing composites

Due to the different types of composites and their derivatives, it is recommended to follow the instructions of the suppliers/manufacturers in question or to maintain the settings based on experience. When in doubt, always contact the supplier/ manufacturer in question or consult their website.

CarboLED CL-02 getting started



Take the lower part of the hand-piece, including the replaceable battery, and screw it clockwise onto the upper part of the hand-piece. Tighten both pieces firmly.



Insert the (autoclavable) light guide firmly into the upper part of the hand-piece.



Insert the charger plug into the power jack of the charging base.



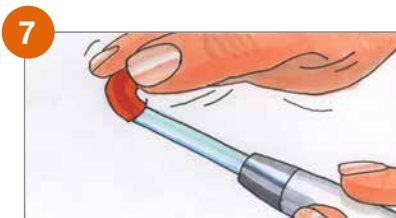
Verify that the power charger has the right pin assembly (included) installed to fit your local main socket.



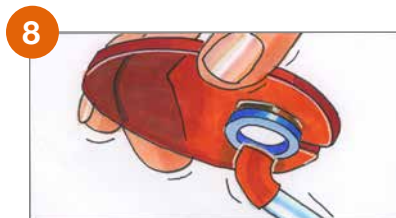
Before and after use, insert always into the charging base.



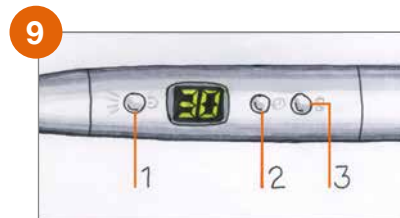
While charging, a red light will show on the charging base. Once the battery is fully charged the light will turn green.



Apply the eye protection sleeve over the light guide.



For extra protection, apply the eye protection shield (with or without the eye protection sleeve) over the light guide onto the front of the hand-piece.



- On/off button. The LED display turns on.
- Time adjustment button for 5, 10, 20, and 30 sec.
- Battery level control button.

