

# technical data

<b>Generic Device Group</b>	Dental LED Curing Lights																				
<b>Model</b>	C03-C Carbolite																				
<b>Image</b>																					
<b>Regulation</b>	Medical Device Regulation (EU) 2017/745																				
<b>Classification and Rule</b>	Class I, Rule 13																				
<b>Basic UDI-DI</b>	++D125CURINGLIGHTSAR																				
<b>Intended Use</b>	Dental LED Curing Lights are intended to be used to activate the polymerization of a dental resin-based material in the oral cavity. This is an active, reusable device.																				
<b>Indications of use</b>	<ul style="list-style-type: none"> <li>- For professional dental application only</li> <li>- Refer to instruction for use</li> </ul>																				
<b>Details</b>	<ul style="list-style-type: none"> <li>- 10mm direct light source head</li> <li>- Up to 3000mW/cm<sup>2</sup></li> <li>- 385~515nm dual wavelength, collimated beam output</li> <li>- 8 modes, including caries detection</li> <li>- Charging base with built-in light intensity meter</li> <li>- 4 microcure lens tips (&amp; stand)</li> <li>- Protective light shield</li> <li>- High grade milled aluminium body provides superior strength, durability, and effective heat dissipation</li> <li>- Light weight slim design 105gms</li> <li>- Left &amp; right handed operation</li> </ul>																				
<b>Modes</b>	<p><b>8 MODES:</b></p> <table border="1"> <tr> <td>NORMAL</td> <td>1,200 mW/cm<sup>2</sup> for 5, 10, 15 or 20 seconds</td> </tr> <tr> <td>HIGH</td> <td>2,000 mW/cm<sup>2</sup> for 1, 3 or 5 seconds</td> </tr> <tr> <td>TURBO</td> <td>3,000 mW/cm<sup>2</sup> for 1 or 3 seconds</td> </tr> <tr> <td>ORTHO</td> <td>2,500mW/cm<sup>2</sup> for 5 x 3 seconds with 1s interval</td> </tr> <tr> <td></td> <td><b>OR</b></td> </tr> <tr> <td></td> <td>2,500mW/cm<sup>2</sup> for 10 x 3 seconds with 1s interval</td> </tr> <tr> <td>PULSE</td> <td>1,200 mW/cm<sup>2</sup> for 5, 10, 15 or 20 seconds with 0.2 seconds off</td> </tr> <tr> <td>RAMP</td> <td>1st five seconds from 0-1,200 mW/cm<sup>2</sup> next 5, 10 or 15 seconds 1,200 mW/cm<sup>2</sup></td> </tr> <tr> <td>CHECK</td> <td>Purple light for 30 or 60 seconds</td> </tr> <tr> <td>SOFT</td> <td>900 mW/cm<sup>2</sup> for 5, 10, 15 or 20 seconds</td> </tr> </table>	NORMAL	1,200 mW/cm <sup>2</sup> for 5, 10, 15 or 20 seconds	HIGH	2,000 mW/cm <sup>2</sup> for 1, 3 or 5 seconds	TURBO	3,000 mW/cm <sup>2</sup> for 1 or 3 seconds	ORTHO	2,500mW/cm <sup>2</sup> for 5 x 3 seconds with 1s interval		<b>OR</b>		2,500mW/cm <sup>2</sup> for 10 x 3 seconds with 1s interval	PULSE	1,200 mW/cm <sup>2</sup> for 5, 10, 15 or 20 seconds with 0.2 seconds off	RAMP	1st five seconds from 0-1,200 mW/cm <sup>2</sup> next 5, 10 or 15 seconds 1,200 mW/cm <sup>2</sup>	CHECK	Purple light for 30 or 60 seconds	SOFT	900 mW/cm <sup>2</sup> for 5, 10, 15 or 20 seconds
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<b>Packaging Languages</b>	EN, PL, DE, FR, IT, ES, PT, FI, NO, SV, DA, RO, CS, EL, HU, LV, LT, SK, JA, ZH																				

<b>Package Contents</b>	<b>CODE</b>	<b>DESCRIPTION</b>
	C03-C	Curing Light with Charging Station and Built-in Light Intensity Indicator
	C03-C-2	Protective Light Shield
	228	Disposable Curing Light Sleeves (100pcs)
	C03-C-3	USB-C Power Adaptor 100 – 240V
	C03-C-4	Battery 1900mAh
	C03-C-5a	Endo Guide Lens
	C03-C-5b	3.0mm Microcure Ball Lens
	C03-C-5c	2.2mm Microcure Ball Lens
	C03-C-05d	Microcure Lens
N/A	Lens stand	
<b>Packaging Description</b>	Primary	1set/box
	Secondary	10boxes/case
<b>Replacement parts</b>	C03-C-2	Protective Light Shield
	C03-C-3	Power Adaptor
	C03-C-4	Replacement Battery
	C03-C-5	Curing Light Lenses
	C03-C-5a	Endo Guide Lens
	C03-C-5b	3.0mm Microcure Ball Lens
	C03-C-5c	2.2mm Microcure Ball Lens
	C03-C-5d	Microcure Lens
<b>Battery specifications</b>	Nominal voltage	3.7V
	Capacity	1900mAh
	Weight	37g
	Power output	5V/1A
<b>Composition</b>	Handpiece/ Direct Light Source/ Lenses Stand	Aluminium alloy
	Charging Station/ Control Panel	ABS+PC
	Protective Light Shield	PS
	Curing Light Sleeves	PE
	Curing Light Lenses	PSU
<b>Traceability</b>	UDI / LOT / Serial Number	
<b>Warranty</b>	12 Months	
<b>Storage Conditions</b>	- Do not store in direct sunlight, store in a cool dry place	
	- Temperature: -20 ~ 55°C	
	- Relative humidity: 10% ~ 93%	
	- Atmospheric pressure: 70kPa ~ 106kPa	
<b>Country of Manufacture</b>	China	
<b>Nomenclature</b>	EMDN	Q01010199
	GMDN	35775
	UMDNS	16386
<b>Reprocessing</b>	Refer to Instruction for Use	
<b>Material Safety Data Sheet</b>	Batteries (MSDS-18500-1900mAh)	
<b>Manufacturer</b>	Premium Plus (Dongguan) Ltd.	
<b>Manufacturer SRN</b>	CN-MF-000038259	
<b>EU Representative</b>	Premium Plus Poland sp. z o.o.	
<b>EU Representative SRN</b>	PL-AR-000030110	
<b>UK Representative</b>	Premium Plus UK Ltd.	

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