



C-Flo<sup>®</sup> Dental Material Heater

A BRYANT DENTAL PRODUCT



# Dentistry Reimagined

Bryant Dental is reimagining the impossible. We're on a mission to empower and inspire dentists globally, with technology that is beautifully designed and expertly engineered.

Combining innovative technology with seamless delivery and responsive customer service, we keep it simple: bringing you products previously thought impossible so you can be your best.

**"Every member of the Bryant Dental team I have been in contact with has been exceptional. They have an excellent product, but customer service is on another level."**

# C-Flo® Dental Material Heater

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# C-Flo® Instructions

**Intended use:** C-Flo® is a material heating device that is used to heat Composite, Local Anaesthetic (LA) and Sodium Hypochlorite. The device is designed to be used by qualified dental professionals, including, but not limited to, dentists and dental hygienists. C-Flo® must be used with the attachments provided.

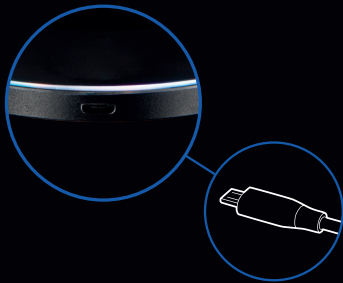


## What's included

- » X1 C-Flo® SmartBase
- » X1 Vane Attachment
- » X1 Ablative Plate
- » X1 Hive Attachment (Optional)
- » X1 Power Supply Unit (Country Specific)
- » X1 Indicator Tag

## 1 Getting Started

Insert the micro USB power cord into the unit base.



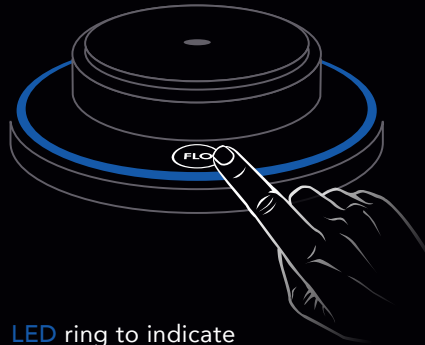
## 2 Switch ON/OFF

Hold C-Flo® icon for four seconds to switch ON/OFF.

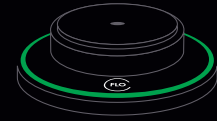
## 3 Changing Temperature

Capacitive touch so temperature can be changed with a press of a button. Click through to find your chosen temperature.

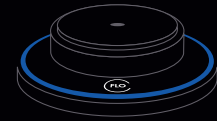
Please note: **V** - Vane | **AP** - Ablative Plate



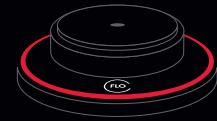
LED ring to indicate temperature selection.



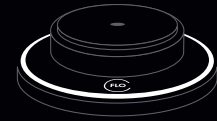
39°C  
V: 7 mins  
AP: 4.5 mins



45°C  
V: 10.5 mins  
AP: 6.5 mins



55°C  
V: 17.5 mins  
AP: 9.5 mins



68°C  
V: 29 mins  
AP: 17 mins

## ④ Changing the Smart Attachment

**Remove** by lifting away from the SmartBase. The neodymium-enhanced attachments will guide the entry of other attachment for precise relocation and heat transfer.



# The Vane

The Vane has the capacity to work in ways that suit you, holding a range and number of materials. With an aluminium body acting as an efficient and conductive heat sync.

## Temperature Guide



39°C

LA Cartridges



55°C

Guns,  
Compules





# Ablative Plate

The Ablative Plate Smart attachment allows you to heat hypochlorite, which dissolves tissue more effectively from both deep and lateral root canal anatomy.

## Temperature Guide



○ 45°C

Hypochlorite,  
Compules



○ 68°C

Composite  
(with lid)

x6 CROWN/  
VENEER SLOTS



x2 SYRINGE  
HOLDERS

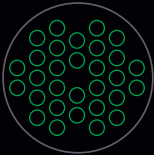


**Please note:** It is recommended to use your clinical judgement when heating composite to this temperature on vital teeth whereby the heat may provoke a pulpal response.

## The **Hive** (optional)

**Do you require more capacity?** The Hive attachment can hold up to 30 LA Cartridges, making it the perfect addition to your C-Flo® accessories. Sold separately. Ask your product specialists for more details.

### Temperature Guide



○ 39°C

LA Cartridges  
Only

SOLD  
SEPARATELY

x30 LA  
CARTRIDGE  
HOLDERS



# SmileFast Edition

Working in partnership with SmileFast, the SmileFast Edition includes the C-Flo® SmartBase, the Vane and Ablative Plate – with the added benefit of a dedicated SmileFast attachment.

With SmileFast, it is now possible to place perfectly designed composite veneers for 3-3 in just one application. C-Flo® heats to a precise and proprietary temperature to achieve the correct composite consistency and deliver stunning results.



SOLD  
SEPARATELY\*

**\*Please note:** Dentists must complete a SmileFast Activation Course before purchasing the SmileFast Edition. For details and course dates visit [www.smilefast.com](http://www.smilefast.com).

# Power Supply

It's **important** to use the official mains adaptor that has been provided, at all times. Using third-party adaptors can affect the product's performance and its warranty.

① **Slide** country specified plug attachment to main adaptor.

② **Connect** power adaptor to the micro USB converter.

③ **Insert** the micro USB cord into C-Flo® device.



# Technical




39°C  
V: 7 mins  
AP: 4.5 mins

45°C  
V: 10.5 mins  
AP: 6.5 mins

55°C  
V: 17.5 mins  
AP: 9.5 mins

68°C  
V: 29 mins  
AP: 17 mins

## Specification:

Heating time for each temperature	Shown left
Temperature fluctuation variance	+/- 1C
IPX	IPX (IPX 0 Rated)
Adverse reactions	None Known
Storage temperature	0-35°C
Operating temperature	10-70°C
Input power	12V  3A

Only use supplied charging plug

## Storage & Shipping Conditions

Storage temperature	0-35°C
Relative humidity	30-75%

## Environmental Operating Conditions

Operating temperature	10-70°C
Relative humidity	30-75%
Atmospheric pressure	70.0 kPa to 106.0 kPa

# Safety Instructions

## CONDITIONS



Only use supplied wall plug as using another power supply may risk harm and invalidate the warranty.



Do not immerse the SmartBase in water.



If problems occur with the unit, return to Bryant Dental for repair, attempting to repair yourself with void the warranty.



Do not change or modify any of the existing components without authorisation from Bryant Dental.



Do not leave the unit on without supervision.



Always follow manufacturer instructions when deciding to heat a material.



Take care when touching the surfaces after use as they may be hot.

# Troubleshooting

Unit is not heating	Please remove the power cord and leave the device to reset for 10 seconds before re-inserting. If still not heating after this hard reset, please contact Bryant Dental.
Device not powering on	Please check and re-insert connections and ensure power is switched on.



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## Disposal Notice



When you plan to dispose of the device, please return to Bryant Dental for recycling.

The European Union Waste Electrical and Electronic Equipment (WEEE) Directive forbids the disposal of waste electrical and electronic equipment as unsorted municipal waste, requiring that it be collected and recycled or disposed of separately. Hazardous substances are present in electrical and electronic equipment and present potential risks to human health and the environment if disposed of in municipal landfills, which are not designed to prevent migration of substances into the soil and groundwater.

Compliant with RoHS Directive 2011/65/EU.

## Warranty

### LIMITED LIABILITY POLICY

Bryant Dental will repair any C-Flo® issue arising from a manufacturing defect for a period of 2 years, without charge. The liability will not exceed the amount you originally paid for the product. The warranty does not cover defects arising from negligence, product modification, unauthorised repairs, accidental damage, theft, loss or acts of God.



## Parts List:

Part Name	Part Code	Supplier
C-Flo® SmartBase	CFSB2	Bryant Dental
Vane Attachment	CVSP2	Bryant Dental
Ablative Plate	CASP2	Bryant Dental
Hive Attachment (Optional)	CHP2	Bryant Dental
Power Supply Unit (Country Specific)	CPSUXX	Bryant Dental
Indicator Tag	CTIKR2	Bryant Dental

## Applicable Standards:

EN 60601-1:2006+A1:2013+A12:2014

**EU-MDR 2017/745**

**REF** AXKJ-6

**SN** See SmartBase Reverse Side



**Follow instructions  
for use**



**Do not use if package  
is damaged**



**Fragile, handle  
with care**



**This device  
is not sterile**



**Do not  
dispose**



**Keep dry**

**Known  
Contraindications:** None



**Temperature limit**



**Meets requirements of the  
Medical Device Directive**



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