

# BacTerminator® Dental Compact

**BacTerminator® Dental Compact is a high performance disinfection system for protecting the water lines in the dental unit from pathogenic microorganisms.**

Beside from protecting the unit against biofilm growth the BacTerminator® Dental Compact also removes microorganisms, particles, scaling and organic matter in the incoming water.

**The BacTerminator® Dental Compact works without any handling of chemicals.**



Fig. 1: BacTerminator Dental Compact

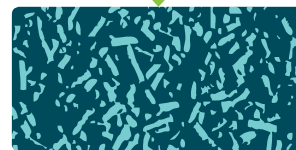
According to European Medical Device Directive disinfection equipment and disinfectants for protecting Dental Unit Water Lines has to be a Medical Device Class IIA.

**BacTerminator® Dental Compact is produced according to the Medical Device Directive 93/42/EEC and EN ISO 13485. Produced according to Dental Units – Water and air supply – EN ISO 7494. EN 1717 – non return valve type EA.**

The process in the BacTerminator Dental Compact from bad to good water ...



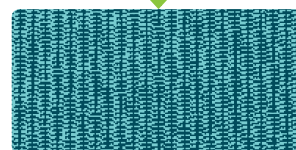
1. 100 micron filter removes particles



2. Active carbon removes old chlorine residues & colour



3. Ion exchange resin removes calcium from the water



4. 1 micron filter removes whatever's left in the water



5. Production of natural disinfection agents that protect against bacteria and growth of biofilm



6. Bio Reaction Zone – ensures that all microorganisms are killed

FRESH AND  
DISINFECTED WATER



## SPECIFICATIONS:

### BacTerminator® Dental Compact

Capacity 1-2 units, up to 6 units with BacTerminator® Booster module.  
See separate data sheet.

### Flow out: Capacity:

1.4 l/minute

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1.4 l/minute

### Pressure:

2.4 bar (adjustable)

### Connection:

6 mm

### Capacity filter cartridge:

500 l, 10° dH or every 6 months

### Alarm for:

Filter change, service and leakage

### Size:

H:380 mm, W:166 mm, L:280 mm

### Requirements for feed water: All versions:

Fresh water of drinking water quality

### Filtered to:

<1mm

### Conductivity:

>70µS/cm

### Chloride level:

>7mg/l

### Temperature:

5-40°C

### General:

Pressurized feed water (1-6 bar)

### Ambient temperature:

5-40°C

### Electrical specifications:

110V/230VAC PE 200W

### Standby use:

<10W

**Order no. BacTerminator Dental C:** 140025

**Order no. BacTerminator Dental Compact prepared for booster modul:** 140026

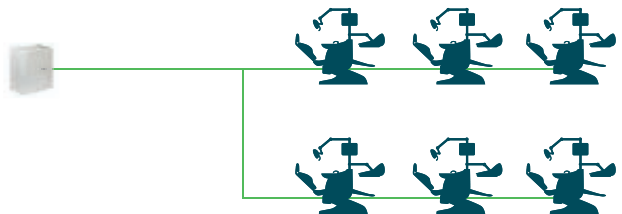
## Connection



**Fig. 2:** BacTerminator® Dental Compact



**Fig. 3:** BacTerminator® Dental Compact



**Fig. 4:** BacTerminator® Dental Compact connected with BacTerminator® Booster

## Use for bottle systems

The BacTerminator® Dental Compact can also be used as a filling station for water for dental units with installed water tank for separate filling.

Never install a BacTerminator® Dental Compact without consulting an authorized Adept Water Technologies dealer. Issues, such as types of connected units, distance from BacTerminator® Dental Compact to units, risk of death legs etc. has to be taken into account to optimize the performance of the BacTerminator® Dental Compact.

Local legislation regarding connecting the system to drinking water lines should always be checked.

Adept Water Technologies always recommend that instrument and mouth flush water is connected to the BacTerminator® Dental Compact as Legionella from mouth flush system is known to have infected patients.

**For more information contact your local dealer.**

