

BacTerminator® Dental

BacTerminator® Dental 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 also removes microorganisms, particles, scaling and organic matter in the incoming water.

The BacTerminator® Dental works without any handling of chemicals.

The BacTerminator® Dental system has a build in EN 1717 air gap before the Dental Unit and has a approval so the system can be connected directly to drinking water lines.



Fig. 1: BacTerminator® Dental

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 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.

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



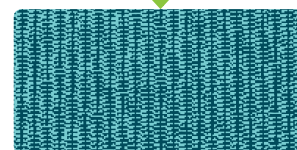
1. 100 micron filter removes particles



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

Capacity 1-2 units – up to 6 units with BacTerminator Booster module.

See separate data sheet.

Flow out: Capacity:

1-2 l/minute

Flow:

2.4 l/minute

Pressure:

2.4 bar (adjustable)

Connection:

6 mm

Capacity filter cartridge:

1,000 l, 10° dH or every 6 months

Alarm for:

Filter change, service and leakage

Size:

H:452 mm, W:166 mm, L:430 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: 140023

Order no. BacTerminator Dental prepared for booster modul: 140024

Connection



Fig. 2: BacTerminator® Dental



Fig. 3: BacTerminator® Dental



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

Use for bottle systems

The BacTerminator® Dental 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 without consulting an authorized Adept Water Technologies dealer.

Issues, such as types of connected units, distance from BacTerminator® Dental to units, risk of death legs etc. has to be taken into account to optimize the performance of the BacTerminator® Dental.

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 as Legionella from mouth flush system is known to have infected patients.

For more information contact your local dealer.

