



Why DentaPure® Cartridges?



SAFE

- Elemental Iodine (I2) is non-allergenic and safe for patients to ingest
- Contains no silver
- Compliant with the final EPA rule for Best Management Practices for Dental Amalgam Waste
- No harsh chemicals
- Dispose of used cartridges in your regular trash

SIMPLE

- Installs in minutes
- Cost-effective
- Compatible with bottle and municipal systems
- Can use either tap or distilled water
- Once installed, no monitoring or shocking protocol is required for 365 days, or 240L of water if usage records are kept



RELIABLE



- Reduces the possibility of human error
- 1 DentaPure cartridge purifies dental unit water for 365 days, or 240L of water if usage records are kept
- Will not interfere with dental materials and bonding¹
- No concerns with dental unit corrosion or etching²
- Crosstex reminds you when it's time to change cartridges

EFFECTIVE

- In independent ADA testing, the DentaPure cartridge performed at ≤ 10 CFU/mL³
- EPA registered to provide ≤ 200 CFU/mL



All Claims based on use with potable water.

¹Puttaiah R. *Effects of Low Grade Iodine in Dental Unit Waterlines On Shear Bond Strength of a Dentin Bonding Agent*, Baylor College of Dentistry

²Puttaiah, R. *A Comparative Study of Waterline Cleaning Agents Non-Ionic Detergent Vs. Chlorine Dioxide DIOXIDE* Table Clinic- Chicago Mid-Winter 2001

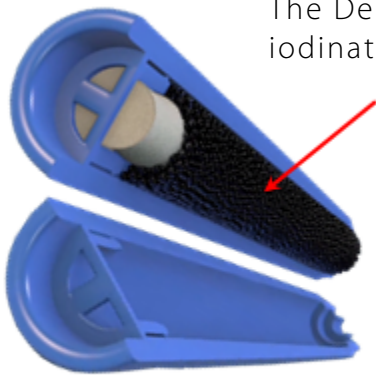
³*A Laboratory Evaluation of Dental Unit Water Treatment Systems*. ADA Professional Product Review - 2014: Vol 9, Iss 2: 9-17



Technology

How does the DentaPure® Cartridge work?

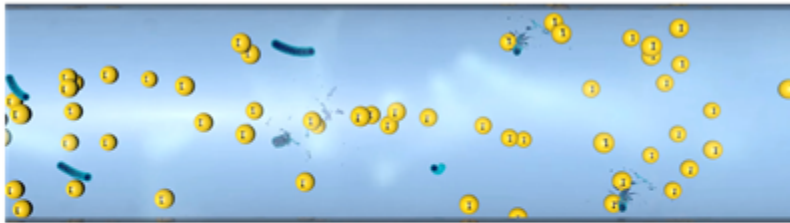
DentaPure® Cartridge Technology



The DentaPure cartridge contains iodinated resin beads



Water passes through the cartridge. The resin beads release 2-6ppm of atomic isotopes of elemental iodine (12) into the water during a typical treatment



The (12) isotopes interact with the bacteria in the water, controlling it. Dental unit water remains safe for 365 days, or 240L of water if usage records are kept

Iodine Facts

- The elemental iodine in the DentaPure cartridge contains NO ALLERGENIC PROTEINS.
- People are not allergic to iodine; they are allergic to the protein sometimes attached to it.¹
- 2-6 ppm of iodine is less than an 8oz serving of broccoli.

All claims based on use with potable water

¹Schabelman E1, Witting M. The relationship of radiocontrast, iodine, and seafood allergies: a medical myth exposed, J Emerg Med. 2010 Nov;39(5):701-7. doi: 10.1016/j.jemermed.2009.10.014. Epub 2010 Jan 4.