INSTRUCTIONS FOR USE

DentaPure Microbiological Water Purification System
DIRECTIONS FOR USE: IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN ANY MANNER INCONSISTENT WITH ITS LABELING. To obtain maximum bacteriological reduction, dental unit waterlines are to be cleaned with an approved dental unit waterline agent prior to initial installation of DENTAPURE® cartridges.

GENERAL PRECAUTIONS
USES: DENTAPURE cartridge is for use on dental unit waterlines attached to the dynamic dental instruments. Used according to labeling, this cartridge reduces bacteria from the water supplied through the instruments to a level that will meet or exceed the current ADA recommendations for water quality having a maximum of 200 cfu/ml.

IMPORTANT Use DENTAPURE cartridge on dental unit waterlines only, not for general consumption. While the unit will perform above these limits, it is recommended that the dental unit water have a pH level of less than 8 and not have a chlorine level greater than 1 ppm. Do not use heated water. Heated water will promote the growth of bacteria and the buildup of biological film in the water line leading to the DENTAPURE unit. Water pressure must not exceed 45 psi.

IN THE REMOTE EVENT THE CYLINDER OR CARTRIDGE IS BROKEN AND THE IODINATED RESIN PELLETS ARE EXPOSED, USE EXTREME CAUTION.

FIRST AID: IF IN THE EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice. IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

ENVIRONMENTAL HAZARDS: The exposed resin pellets are toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. For guidance, contact your State Water Board or regional office of the EPA.

NOTE: USED, UNDAMAGED CARTRIDGES AND CYLINDERS ARE NOT CONSIDERED HAZARDOUS AND MAY BE WRAPPED IN NEWSPAPER AND DISPOSED OF IN THE REGULAR TRASH.
If package seal is broken or cartridge appears dry, wrap the cartridge in newspaper and dispose of it in the trash.

Once the cartridge is in place, the supply water will pass through the cartridge’s iodinated resin bed, purifying the water delivered by the dental instrument. To maintain a continuous iodine presence within the dental tubing, install a new cartridge immediately after removing the used cartridge. The cartridge must be left in place during times that the dental unit is not used (weekends, vacations, etc).

Adherence to CDC/ADA guidelines for aseptic procedures including a 2 minute morning flush, a 20-30 second flush between patients, and hand piece sterilization must be continued after the installation of the cartridge.

The bottle in water bottle systems must be emptied each night and the empty bottle replaced on the manifold.

**STORAGE:** Store at room temperature in original packaging, away from children, pets and direct sunlight. Avoid excessive heat. Do not allow cartridge to freeze. Do not store in open or unlabeled containers.

**DISPOSAL:** Securely wrap cartridge in newspaper and discard in trash.

**TROUBLESHOOTING**
Slow or no water flows through cartridge—Make sure new cartridge was installed. Make sure air supply is turned on (maximum 45 psi). Make sure cartridge is off the bottom of the bottle.

Air leak from fitting, contact your dental dealer for replacement parts.

Discoloration of the tubing from blue to green or black is normal and is not a concern.

Initial dark discoloration of water is caused by release of activated carbon. Operate water until flow appears clear.

**Suggested Use Table:**

<table>
<thead>
<tr>
<th>DENTAPURE Unit Size</th>
<th>If Water Usage Records Are Kept</th>
<th>If Water Usage Records Are NOT Kept</th>
<th>If Iodine Content is Monitored</th>
</tr>
</thead>
<tbody>
<tr>
<td>DP40B</td>
<td>40 Liters</td>
<td>60 Calendar Days</td>
<td>Change when iodine output falls to less than 0.5 ppm</td>
</tr>
<tr>
<td>DP90M</td>
<td>60 Liters</td>
<td>90 Calendar Days</td>
<td></td>
</tr>
<tr>
<td>DP365M &amp; DP365B</td>
<td>240 Liters</td>
<td>365 Calendar Days</td>
<td></td>
</tr>
</tbody>
</table>

**QUESTIONS OR COMMENTS?** Visit our website at www.crosstex.com, email: crosstex@crosstex.com or call us at 1-631-582-6777.

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EPA Est. No. 52252-MN-001
EPA Reg. No. 74245-5

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CTXTEXDP-IFU
Rev. 0 - 8/15

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