



## **Dentronix Rack “Instructions for Use” Protocols for RH-Pro11 and RH-Pro9 HVHA Sterilizers**

Many former Dentronix customers have asked CPAC Equipment, Inc. if Dentonix racks could be used in the RH-Pro11 and RH-Pro9 HVHA sterilizers and if so, under what conditions could they be used to assure 12-Log<sub>10</sub> spore inactivation as required by the FDA. As such, an evaluation has been conducted to determination the conditions and limitations under which these racks can be used in the RH-Pro Series sterilizers. These studies have been conducted to accommodate both the larger 8-plier and the smaller 4-plier racks. General conditions of use for any instrument load are contained in Section 6 “Materials Compatibility, Preparation, Loading, and Processing” of the Operations Manual, specifically those that pertain to maintenance of airflow over/under and between racks/pouches and instrument weight conditions.

### **Un-Wrapped Dentronix Racks**

- Loading and Capacity Conditions Apply to Both the RH-Pro9 and RH-Pro11 Sterilizers.
- Use High-Temperature (375°F) Mode, Un-Wrapped Instruments Cycle.
- Identical Weight and Loading Conditions Apply to Both the Larger and Smaller Dentronix Racks.\*
- Dentronix Racks Are to Be Placed on a Tray, Oriented in a “Left to Right” or in a “Front to Back” Configuration.
- No More Than Four Dentronix Racks May be Placed on a Single Tray, Keeping an Adequate Spacing Between Racks
- Each Rack is Limited to a Total of 450g of Instruments with No One Instrument Weighing More Than 125g.
- The RH-Pro9 Sterilizer is Limited to One Tier of Dentronix Racks per Load (Chamber Height Restriction Precludes Two Tiers).
- The RH-Pro11 Sterilizer May Accommodate Two Tiers of Dentronix Racks\*\* with Lower Dentronix Racks Placed on the Floor of the Chamber (Note: Placing and Removing Dentronix Racks From Floor Location Presents a High Risk of Burns to Hands, Wrists and Arms and is **NOT RECOMMENDED**). **OPERATOR ASSUMES ALL LIABILITY.**
- Do Not Use ‘Instrument Milk’ on Instruments - Not Necessary, Not Required for RH-Pro Series Sterilizers.

\*In the RH-Pro Series Sterilizers the total weight of the instrument load is determinate on the limitation of the number of instruments and their weight distribution per instrument.

\*\*The use of a second tier of instruments may prolong the time required to heat the chamber to the temperature required for the sterilization cycle to initiate.



## **Pouched Dentronix Racks**

- Loading and Capacity Conditions Apply to Both the RH-Pro9 and RH-Pro11 Sterilizers.
- Use High-Temperature (375°F) Mode, Wrapped Instruments Cycle.
- Identical Weight and Loading Conditions Apply to Both the Larger and Smaller Dentronix Racks.\*
- Dentronix Racks Are to Be Placed on a Tray, Oriented in a “Left to Right” or in a “Front to Back” Configuration.
- No More Than Four Dentronix Racks May be Placed on a Single Tray. Use of Nylon (Required Composition) Pouches May Limit the Number of Racks That May be Accommodated per Tray and Still Provide Adequate Spacing Between Pouched Racks.
- Each Rack is Limited to a Total of 450g of Instruments with No One Instrument Weighing More Than 125g.
- The RH-Pro9 Sterilizer is Limited to One Tier of Dentronix Racks per Load (Height Restriction Precludes Two Tiers).
- The RH-Pro11 Sterilizer May Accommodate Two Tiers\*\* of Dentronix Racks With Lower Dentronix Racks Placed on the Floor of the Chamber (Note: Placing and Removing Dentronix Racks From Floor Location Presents a High Risk of Burns to Hands, Wrists and Arms and is **NOT RECOMMENDED**). **OPERATOR ASSUMES ALL LIABILITY**.
- Do Not Use ‘Instrument Milk’ on Instruments - Not Necessary, Not Required for RH-Pro Series Sterilizers.

\*In the RH-Pro Series Sterilizers the total weight of the instrument load is determinate on the limitation of the number of instruments and their weight distribution per instrument.

\*\*The use of a second tier of instruments may prolong the time required to heat the chamber to the temperature required for the sterilization cycle to initiate.

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