dentronix® helps make your instrument handling process simple and efficient with products designed to work together to safeguard your investment, your staff, and your patients. All products are specified to be consistent with federal guidelines to afford you the highest measure of compliance.

1. Move instruments to cleaning area
decorate decontaminate treatment area and replace barriers.

2. Clean Instruments
by hand or with ultrasonic cleaner.

3. Drain or Rinse & Dry
if using steam autoclave, use instrument milk dip.

4. Sterilize
for orthodontic applications, dry heat is the preferred method.

5. Store
instruments can be organized by type or procedure. Use barrier bags to prevent airborne contamination.

6. Deliver
to treatment area.
Simple Tips for Effective Infection Control

The basic function of an infection control procedure in an environment that is essentially non-sterile is to effectively break the chain of cross-contamination and cross-infection.

A sterilization area must be set up in a manner that segregates the clean side from the dirty side. When bringing dirty instruments into the sterilization area, be aware that a line exists between the dirty and clean side and crossing it is the source of potential cross-contamination.

Pre-rinsing instruments prior to ultrasonic cleaning can significantly reduce infectious biological populations and minimize the bio-burden in your ultrasonic machine. After rinsing, place immediately in the ultrasonic filled with a non-ionic, non-enzymatic, chemically neutral cleaning solution with an effective rust inhibitor like our MPUS-Plus.

Always keep the lid on your tank when cleaning to avoid aerosols generated by ultrasonic cavitation from spreading to your clean side. Do not use compressed air to dry instruments that have not been sterilized.

Our MPUS-Plus solution is a no-rinse solution. After allowing the instruments to drip dry, place in the sterilizer. If you must rinse after removing from the ultrasonic, use a secondary dip in clean MPUS-Plus to leave a film of rust inhibitor. If you steam autoclave, always use an instrument milk dip prior to packaging your instruments.

Do not load dripping wet instruments into your dry heat sterilizer. The added humidity can cause corrosion and staining plus negatively impact sterilizer electronic and mechanical components.

Lubricate your instruments weekly to avoid joint stiffening. If using dry heat, use a pure silicone lubricant as petroleum-based products will carbonize and cause joint tightening. Food grade lubricants like our DSL-16 are most desirable from a toxicity standpoint.

Follow the instructions provided by your sterilizer manufacturer for proper loading and cycle times. Your sterilizer was biologically validated using specific loading and cycle parameters. If you don’t follow them, your unit may not function correctly.

Instruments sterilized without bags must be stored in a manner that prevents environmental contamination. Instruments processed via steam in bags must go through the entire drying cycle or they are to be treated as unabaged instruments.

Be very conscious of the clean side and the dirty side of your infection control process and be aware of simple items that you touch like pens, computer keyboards, the mouse, or even the sterilizer door latch that can connect the last patient you saw with the next one. Pathogens don’t have feet or wings. They need someone to move them around the office.

Monitor your sterilizer on a regular basis using spore strips to make sure it is performing to spec. Dry heat sterilizers are very sensitive to proper loading of the biological indicator, so follow the manufacturers’ instructions.

Before you change any product or process that has worked in the past, call your instrument or sterilizer provider to make sure the new change is compatible.
**DDS7000**

**Orthodontic Dry Heat Sterilizer**

- **Capacity**: 36 pliers
- **Weight**: 90 lbs
- **Power Requirement**: 15A/115V or 10A/230V
- **Outside Dimensions**: 18-3/4”W x 19-3/4”D x 23-1/8” H (47.6 cm x 50.1 cm x 58.7 cm)
- **Chamber Dimensions**: 12-1/2” W x 9” D x 6” H (31.7 cm x 22.8 cm x 15.2 cm)

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**Cannot be used with bags or cassettes.**

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**Sterilize**

For orthodontic applications, dry heat is the preferred method.

“Heat-tolerant dental instruments usually are sterilized by 1) steam under pressure (autoclaving), 2) dry heat, or 3) unsaturated chemical vapor. All sterilization should be performed by using medical sterilization equipment cleared by FDA. The sterilization times, temperatures, and other operating parameters recommended by the manufacturer of the equipment used, as well as instructions for correct use of containers, wraps, and chemical or biological indicators, should always be followed.”

CDC Guidelines

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**Accessory Kit**

D7107-01

Includes 2 D7000C Racks, 2 D7000 Silver Racks, 1 Spore Strip Holder, 8 oz bottle of MPUS-Plus, Sample Barrier Bag, 1 DSY-20 Silicone Lubricant
Clear anodized aluminum racks and trays are light weight and optimize heat transfer to instruments.

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**Pure Silicone Lubricant**

DSY-20
5.5g syringe

Essential for lubricating instruments that are dry heat sterilized. Will not burn off and carbonize like petroleum distillates. Food grade product is odorless and non-toxic.

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**Vent Adaptors**

DAD-UL
Universal - mounts to exhaust stack

Uses standard 4” dryer venting.

DAD-BL
Straight Back - mounts to sterilizer

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**Vertical Plier Rack**

9 Instruments
D7000-Silver

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**Vertical Plier Rack**

Mini
D7000M-S

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**Standard Combo Rack**

D7000C

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**Horizontal Tray**

D5000S-T

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**Horizontal Half Tray**

D5000S-HT

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**HEPA Filter**

D7000F

Filter should be changed annually, or sooner if sterilizer cycle times increase.

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**Spore Strip Holder**

DSSH-1

Reproduces conditions of instrument heating so that accurate spore test results are obtained.

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**HEPA Filter Cover**

40002955

Magnetic strip seals HEPA filter compartment.
DDUS60 Ultrasonic Cleaning System

An essential element of the dentronix® dry heat sterilization process, the DDUS60 series of ultrasonic cleaners is designed to simultaneously clean four fully-loaded DDS7000 plier racks and provide a convenient hands-free means of draining excess liquid prior to loading in the sterilizer.

DDUS60 Countertop Unit

Outside Dimensions
19” W x 12 1/4” D x 14 3/8” H
(48.3 cm x 31.1 cm x 37.2 cm)
Height with lid open - 23 1/2”

Tank Dimensions
14” W x 9” D x 8 3/4” H
(35.5 cm x 22.8 cm x 22.2 cm)

Tank Capacity
4 Gallons

Operating Frequency
40 kHz

Shipping Weight
45 lbs

Power Output
400 Watts

All DDUS60 units include:
- Hinged Cover
- Timer
- Front-mounted drain
- Choice of Plier Rack or Deep Basket
- Two year Warranty

DDUS60115 - 115V unit with Plier Rack Stand
DDUS60115B - 115V unit with Deep Basket
DDUS60230 - 230V unit with Plier Rack Stand
DDUS60230B - 230V unit with Deep Basket

Clean Instruments by hand or with ultrasonic cleaner.

MPUS-Plus Ultrasonic Cleaning Solution

The only solution formulated for Dry Heat. Keeps instruments safe and corrosion free. Non-ionic, non-enzymatic, chemically neutral with a superior rust inhibitor.

MPUS-Plus Ultrasonic Cleaning Solution is specifically formulated for DryHeat processing. It does not require rinsing prior to loading in the sterilizer and evaporates cleanly with virtually no residue or odor. An effective rust inhibitor protects your instruments. Concentrated solution dilutes 1/2 oz. per gallon of tap water. Carton of four 8-oz bottles makes 64 gallons of use-strength solution.

DMP-USP (Carton of 4)
# DDUS60R Recessed Ultrasonic Cleaning System

Enjoy the convenience of a built-in ultrasonic. The DDUS60R features a separate control unit/generator that is mounted under the counter. Add an optional remote timer for simplified use. Units are available with either a deep basket or plier rack stand.

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Description</th>
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<tbody>
<tr>
<td>DDUS60R115</td>
<td>115V</td>
<td>unit with Plier Rack Stand</td>
</tr>
<tr>
<td>DDUS60R115B</td>
<td>115V</td>
<td>unit with Deep Basket</td>
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<tr>
<td>DDUS60R230</td>
<td>230V</td>
<td>unit with Plier Rack Stand</td>
</tr>
<tr>
<td>DDUS60R230B</td>
<td>230V</td>
<td>unit with Deep Basket</td>
</tr>
</tbody>
</table>

**DDUS60R115 and DDUS60R115B**
- 115V unit with Plier Rack Stand or Deep Basket
- Securely holds four DDS7000 standard size plier racks. Flip-out stand holds rack above tank for draining of excess solution.

**DDUS60R230 and DDUS60R230B**
- 230V unit with Plier Rack Stand or Deep Basket

**Recessed Unit DDUS60R**
- **Above Counter**
  - 19"W x 12-1/4"D x 2-1/4"H
  - (48.3 cm x 31.1 cm x 5.7 cm)
  - Height with lid open - 11.5" H
- **Below Counter**
  - 14-7/8"W x 10-5/8"D x 18-3/8"H
  - (37.1 cm x 26.9 cm x 49.3 cm)

**Generator Dimensions**
- 17" x 11-1/2" x 4-3/4"
  - (43.2 cm x 29.2 cm x 12.1 cm)

**Tank Dimensions**
- 14" W x 9"D x 8-3/4"H
  - (35.5 cm x 22.8 cm x 22.2 cm)

**Shipping Weight**
- 70 lbs

**Power Output**
- 400 Watts

**Remote Timer**
- UC315115
- Plugs into control box for remote activation of timer functions.

**Drain Filter (3)**
- DDUS60F
- Filters keep heavier debris from blocking your drain line.

**Deep Basket**
- DDUS60DB
- All stainless steel construction holds racks and instruments.
When smaller fits the bill.....

Powerful and quiet, the UC125 is a great choice in a smaller unit for auxiliary cleaning applications. Sound-deadening composite materials surround the stainless steel tank. Convenient front drain control makes emptying the tank easy. LCD touch controls include timer. Unit is delivered with a tank cover, cleaning solution sample, and users guide. Customize with accessories below.

UC125 Countertop Unit
Outside Dimensions
16.5” W x 10.5” D x 13.75” H
(41.9 cm x 26.7 cm x 34.9 cm)
Height with lid open - 23-1/2”

Tank Dimensions
11.25” W x 5.625” D x 5” H
(28.6 cm x 14.2 cm x 12.7 cm)

Tank Capacity
1.0 Gallons / 3.8 Liters

Operating Frequency
55 kHz

Shipping Weight
20 lbs

Power Output
100 Watts

BioSonic® UC I 25
Ultrasonic Cleaning System

Clean Instruments by hand or with ultrasonic cleaner.
Post-Sterilization Barrier Bags

Large (fits large racks-250/pkg)
DBB-101 10 1/2" X 9"

Medium (fits mini racks-250/pkg)
DBB-102 7" X 7 1/2"

Small (fits hand instruments-150/pkg)
DBB-103 3 1/2" X 8 1/2"

Used to prevent airborne contamination after removing racks from sterilizer. Do not place inside sterilizer during cycle.

Store instruments can be organized by type or procedure. Use barrier bags to prevent airborne contamination.

High heat sterilizable silicone rings make identifying instruments and kits simple. Stable to 500°F.

Color Code Rings

DCCR-B Blue (50)
DCCR-BK Black (50)
DCCR-G Green (50)
DCCR-M Mauve (50)
DCCR-R Red (50)
DCCR-W White (50)
DCCR-Y Yellow (50)
DCCR-K 50 of each color

Sterilizer Accessories

UC39 16 oz bottle makes 64 pints
Ultrasonic Cement Remover Concentrate
Cleans temporary and permanent cements such as glass ionomer and zinc phosphate quickly and easily.
16 oz bottle makes 64 pints

UC34 1.85 LB jar makes 3 Gallons
Ultrasonic Plaster and Stone Remover
Powerful cleaner is effective on all gypsum products. Powder formula.

MPUS-Plus Orthodontic Cleaning Concentrate
dentronix® proprietary formula is non-ionic, non-enzymatic, chemically neutral and no-rinse. It features a superior rust inhibitor for all instruments and is super-concentrated at almost 250:1.
8 oz bottle makes 16 gallons.

DMP-USP (Carton of 4)
Sterilizer Monitoring

"Biological indicators (BIs) (i.e., spore tests) are the most accepted method for monitoring the sterilization process because they assess it directly by killing known highly resistant microorganisms, rather than merely testing the physical and chemical conditions necessary for sterilization...

Correct functioning of sterilization cycles should be verified for each sterilizer by the periodic use (at least weekly) of BIs."

CDC Guidelines

- Passport® Postage Paid Mailer
  - 2 Strips Plus Control

- EMS Self MMailer
  - 1 Strip Plus Control

- SporView® In Office Culturing

This test features a postage paid mailer to send to the lab, two dual-organism strips per test, and a control strip. Lab results are returned to your office whether positive or negative. Available in either 12-test or 52-test packages.

This is a single dual-organism strip test with a control strip. You pay the postage and only get a report when there is a positive growth result. Available in either 12-test or 52-test packages.

In-office BI system can be used with steam or dry heat. Aseptically transfer the strip from the sterilizer to the media and culture for 7 days at target temperature for your sterilizer. Turbidity and color change in media indicate failure. 20 strips and vials.

- Dry Heat Spore Strip Starter Kit
- Steam Autoclave
- Process Indicators

- In House Spore Strip Starter Kit
- Dry Heat Spore Strip Holder
- Chemical indicators show that process parameters were met regarding chamber conditions. Use with every cycle. (100)

Dual Organism Strips

Different types of sterilizers are challenged by different types of organisms. Our spore strips include both G. stearothermophilus for steam and chemical vapor sterilizers and B. atrophaeus for dry heat. Incubate at 37°C for dry heat and 56°C for steam. If your office has both types of sterilizers you can use the same strip with two different incubators. Easy!

- 37º Starter Kit (Dry Heat)  
  - DSK037

- 56º Starter Kit (Steam)  
  - DSK056

Everything you need to start spore testing your sterilizer in your office. Includes 20 dual-organism tests, a record notebook, culture media, media stand and incubator. Order SporView refills above.

- In House BI system can be used with steam or dry heat. Aseptically transfer the strip from the sterilizer to the media and culture for 7 days at target temperature for your sterilizer. Turbidity and color change in media indicate failure. 20 strips and vials.
### UltraCare Disinfectant Cleaner Concentrate

- EPA-registered hospital grade disinfectant.
- One step cleaning and disinfecting.
- Effective against 141 organisms in 10-minute contact time.
- Will not damage plastics or stainless steels.
- Active ingredients: Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride. Alkyl (68% C12, 32% C14) dimethyl ethybenyl ammonium chloride.

16 oz makes 32 quarts!

### UltraCare Spray Kit
Includes 16 oz concentrate and pint spray bottle (makes 64 pints)

71111

### UltraCare Starter Kit
Includes 2 oz concentrate and pint spray bottle (makes 8 pints)

70016

16 oz UltraCare Concentrate
makes 32 quarts

70055

64 oz UltraCare Concentrate
makes 128 quarts

70555

### Ultracare Hand Sanitizer Dispenser

This fully automatic dispenser has a motion sensor that applies 1ml of Ultracare alcohol-free sanitizer onto the hands of patients, staff, and guests. No alcohol means no strong odor and no drying of skin. Ultracare leaves a gentle moisturizing effect on the hands with no stickiness. 1000 applications per refill makes this an economical option to protect against the spread of potentially infectious bacteria. Four C batteries required.

- 70221 Black Dispenser
- 70222 White Dispenser
- 70223 1000ml UltraCare Refill
- 70220 Black Table Stand

- Alcohol Free
- Odor Free
- Fragrance Free
- Non-Drying
- Non-Irritating
- Non-Flammable

### UltraCare Hand Sanitizer

Dispenser Shown with optional table stand.

### MetriCide® Glutaraldehyde Disinfectant /Sterilant

- Long-life (28-day) high level disinfectant / sterilant.
- Activated Alkaline formula (pH approximately 8)
- Virucidal and bacteriocidal in 10 minutes.
- Tuberculocidal in 90 minutes.
- Sterilant in 10 hours.
- Pleasant pine fragrance.

DMX2800 1 Gal.

### 10-minute Instrument Disinfectant Concentrate

- Phenol-based Intermediate level disinfectant.
- Immersion solution only.
- Effective rust inhibitor
- 1:128 dilution
- Tuberculocidal in 10 minutes.
- Do not use on rubber and plastics.

70045

1 Pint makes 64 quarts

### Ultra-Tray Disinfectant Soak Tray

- Includes self-draining basket and lid. Safe for use with all disinfectants including phenols.

- 1 gallon Capacity
- 13-1/2” x 8-3/4” x 4-3/4”

### Metri-Test Strips

Measures Minimum Effective Concentration (MEC) of glutaraldehydes so you can be assured of the effectiveness.

DMX204

### UltraCare Hand Sanitizer

Dispenser Shown with optional table stand.