



AT
MUSIC & ARTS

Instrument Sanitization Services

The Repair shop at Music & Arts guarantees the highest quality service for musical instrument repairs, and sanitization. Our musical instrument repair technicians are seasoned professionals who have apprenticed with master instrument makers and trained at the best technical colleges, and because we are the best, we find a social responsibility to educate musicians on the specific terminology regarding instrument cleaning or sanitization.

It is important to understand there are often 3 different terms some shops may use when advertising instrument cleaning.

Sanitization:

- Cleaning or Sanitization, is the removal of visible soil (e.g., organic and inorganic material) from objects and surfaces and normally is accomplished manually or mechanically using water with detergents or enzymatic products.
- Thorough cleaning is essential before high-level disinfection and sterilization because inorganic and organic materials that remain on the surfaces of instruments interfere with the effectiveness of these processes. Decontamination removes pathogenic microorganisms from objects so they are safe to handle, use, or discard.

Is this good for your instrument? Yes, this is the least invasive in both chemical usage and manual labor.

Sterilization:

- Sterilization describes a process that destroys or eliminates all forms of microbial life and is carried out in health-care facilities by physical or chemical methods.
- Steam under pressure, dry heat, EtO gas, hydrogen peroxide gas plasma, and liquid chemicals are the principal sterilizing agents used in health-care facilities.
- Sterilization is intended to convey an absolute meaning; unfortunately, however, some health professionals and the technical and commercial literature refer to “disinfection” as “sterilization” and items as “partially sterile.”
- When chemicals are used to destroy all forms of microbiologic life, they can be called chemical sterilants. These same germicides used for shorter exposure periods also can be part of the disinfection process (i.e., high-level disinfection).

Is this good for your instrument? Not necessarily. Heat, gas, chemicals and other extreme methods could damage the materials and permanently damage the instrument.

Disinfection:

- Disinfection describes a process that eliminates many or all pathogenic microorganisms, except bacterial spores, on inanimate objects.
- In health-care settings, objects usually are disinfected by liquid chemicals or wet pasteurization. Each of the various factors that affect the efficacy of disinfection can nullify or limit the efficacy of the process.

Is this good for your instrument? Yes, however the finish on wood instruments are delicate and can be damaged with some chemicals.

Sanitization Process at The Repair Shop at Music & Arts:

Products Used:

- Detergent
- Isopropanol
- All-purpose cleaner
- Ultrasonic Solution 132B (diluted phosphoric acid)
- Disinfectant
- Denatured alcohol
- Commercial Grade Degreaser
- Commercial Grade Cream Polish
- Commercial Grade Wax Remover

Woodwinds: Flutes, Clarinets, Saxophones, Oboes, Bass Clarinets, Piccolos

- **Plastic mouthpieces**
 - Degreased with detergent
 - Rinsed with warm water
 - Sanitized in Ultrasonic machine w/Ultrasonic solution
 - Rinsed with warm water
- **Flute/Piccolo head joints**
 - Sanitized with Isopropanol
- **Standard cleaning procedure for all plastic and metal-bodied woodwind instruments**
 - Grease, fingerprints, and dirt are removed with soft cloths
 - Bodies and keys are sanitized with all-purpose cleaner
 - Inner bore is sanitized with all-purpose cleaner
- **Extreme situations**
 - Instruments that have mold, stubborn odors, or other extreme sanitary threats are fully disassembled and sanitized in the Ultrasonic machine.

Brass Instruments: Trumpets, Trombones

- **Mouthpieces**
 - Degreased with detergent
 - Rinsed with warm water
 - Sanitized in Ultrasonic machine w/Ultrasonic solution
- **Bodies, Slides, Pistons, Valves**
 - All moving parts are disassembled
 - Degreased with detergent
 - Rinsed with warm water
 - Sanitized in Ultrasonic machine w/Ultrasonic solution
 - Rinsed with warm water
 - Final wipe down and fingerprint removal with polish

String Instruments: Violin, Viola, Cello, Bass, Guitar

- String instrument finishes can be very delicate and caution should be used with any type of cleaning solvent on the finish of an instrument.
- The string cleaning process is designed for presentation to the customer
- Finished surfaces (the scroll and body) of the instrument are cleaned with a combination of shellac reducer and polishes as needed to remove rosin build-up, dirt, and residue.
- Chin rests, pegs, and tail pieces are wiped clean with shellac reducer as needed.
- Polish residue is removed with a dry cloth as needed.
- Wax wash is used as needed on the neck and fingerboard to remove tape/adhesive residue.
- Rosin build-up and grime are removed from the strings with denatured alcohol.

All Instrument Cases

- **Interior**
 - Vacuumed to remove dirt, dust, and other debris.
 - Sprayed with disinfectant
- **Exterior**
 - All stickers, markings, and other graffiti removed.
 - Wiped down with all-purpose cleaner.



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YOU PLAY THEM WITH YOUR **HEART AND SOUL** WE FIX THEM WITH OURS

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