

ADVANCED ULTRASOUND SOLUTIONS INC.—Technical Bulletin

Technical and Support Services

Bulletin #: INFO-125-B

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TO: Hospital and Medical Center Administrators

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SUBJECT: Compatibility Testing of Diagnostic Ultrasound and other Non-Critical Medical Devices.

PRODUCT: SONO Ultrasound Wipes and SONO Disinfecting Wipes.

PROBLEM: SONO may not be listed in all OEM manuals. OEM Lists are outdated and can take several years to update. There are too many products in the industry to physically test every disinfectant wipe for compatibility.

CAUSE: OEM's are limited on resources and most do not have any testing protocols in place to run physical tests on compatibility with all product lines and surfaces.

SOLUTION: Advanced Ultrasound Solutions, created a proprietary testing device that is automated and duplicates real world cleaning of medical devices and high touch surfaces. Our system allows us to document and verify results

PROCEDURE: Test subject is put under an automated system which will allow the surface to stay wet as required to effectively disinfect and air dry to see the reaction the chemical will have. This process and method is IP protected and proven to display proper results.

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Medical device and Facility Compatibility Claims

UPDATED ON : 09-02-2017

Medical devices, panels and touch screens are taken apart and tested then put back on the systems and clinically tested. Other proprietary methods are used to evaluate for any cracking, or discoloration. SONO Wipes passed all compatibility tests for areas of use and surfaces listed below.

AREAS OF USE Bathrooms, Homes [households], Kitchens, Dental offices, Hospitals, Medical Offices, Nursing homes, Day care centers, Nurseries, Bars, Cafeterias, Institutional kitchens, USDA inspected food processing facilities, Colleges, Correctional facilities, Dressing rooms, Exercise facilities, Factories, Health clubs, Hotels, Institutional facilities, Institutions, Laundry rooms, Locker rooms, Motels, Prisons, Public facilities, Public rest rooms, Salons, Schools, Shower and bath areas, Sick rooms, Airplanes, Airports, Ambulances, Buses, Emergency [Police, EMS, Fire, Rescue] vehicles, Ships, Taxis, Trailers, Trains, Transportation terminals

SURFACES TESTED Bathroom fixtures, Bathtubs [Fiberglass], Cabinets, Cages, Chairs, Computer keyboards, Counters [countertops, Bathroom, Kitchen], Cupboards, Desks, Diaper changing [tables, counters], Diaper pails, Doorknobs, Equipment tables, Faucets, Faucet Handles, Floors, Finished floors, Garbage cans, Glass, Highchairs, Lab benches, Linoleum, Light switches, Laminate flooring, Refrigerators - exteriors, Refrigerated storage and display equipment, Sealed floors, Showers, Shopping cart handles, Shower [stalls, walls], Sinks [bathroom, kitchen], Storage areas, Stoves [stovetops], Tables [picnic tables], Tanning Beds, Telephones, Exterior Toilet bowl surfaces, Toilet seats, Toys, Tub walls, Tubs, Tiles, Walls

Non-critical medical device surfaces:

Beds [Medical, Hospital], Bed frames, Bed rails, Crutches, Defibrillators, Gurneys, Non-critical [hospital, medical] equipment surfaces [Medical], Examining tables [Medical, Hospital] Lamps, Rescue tools, Resuscitators [Medical, Hospital], Scales, Stands, Stretchers, Stethoscopes, Walkers, Wheel chairs, Ultra-sound transducers and equipment

Other hard nonporous surfaces made of:

Acrylic, Finished woodwork, Formica®, Glass, Glazed ceramic, Glazed enameled surfaces, Glazed porcelain, Metal, Plastic [such as polystyrene or polypropylene], Sealed granite, Sealed marble, Sealed quartz, Sealed stone, Stainless steel, Upholstery- vinyl

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ULTRASOUND GE (Voluson, Logiq, Vivid and portable lines)

OEM'S Philips (HDI, SONOS, iU, iE, HD series, Envisor, ClearVue, CX, Epiq and Affinity product lines)

Siemens (Sequoia, Aspen, Antares, X, S and SC series product lines)

Toshiba (Aplio, Nemio and Xario series product lines)

SAMSUNG (Accuvix, SonoAce, W, H, HM and HS series product lines)

Sonosite (SII, Edge, iViz, X-Porte, M-Turbo, Micro Maxx, Nano Maxx, S-Nerve series product lines)

Mindray (DC, M, TE, DP and Z series product lines)

Terason (uSmart and T series product lines)

Esaote (MyLab series product lines)

Alpinion (E-CUBE series product lines)

Whale Imaging (Lamda and Sigma series product lines)

OTHER NON- Fibroscan (630 Expert, 502 Touch, 530 compact, 430 mini)

CRITICAL MEDICAL Nanosonics (Tropon EPR)

DEVICES TESTED PCI (GUS and Astra product lines)

CS Medical (TD100)

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