

G 7881 Dental Thermal Disinfector

A Simple Solution with Powerful Results



Improves Efficiency. Enhances Safety



A Systematic Approach

Most dental practices are busier than ever and you are providing services and procedures that demand your staff's time. The last thing the practice needs is staff spending too much time in the back office with instrument cleaning. You need an instrument reprocessing system that is safe and easy to use, but delivers superior results.

The Miele Dental Disinfector stands out as a clear choice, with the ability to wash, rinse, dry and disinfect. The G7881 provides a systematic approach to instrument reprocessing combining separate steps and enabling your staff to spend more time with you or working with patients.

Assistants simply load instruments in cassettes and place directly in the machine. When the cycle is complete, the instruments can be inspected, placed in sterilization pouches or wraps then properly sealed and processed through the sterilizer.

It's that easy.

Delivers a High Level Clean

The G7881 Dental Disinfector takes cleaning effectiveness to a higher level than most automated cleaning systems by providing maximum capacity while delivering high level disinfection that exceeds OSHA standards for microbial contamination reduction of 99.99%.

With the G 7881, even blood that has been dried on instruments for up to six hours is reliably removed, which is important because without proper cleaning, sterilization is not possible. A clean and debris-free surface is required during steam sterilization allowing steam to contact all instrument surfaces. It has been proven that bacteria can survive a steam sterilization cycle if they are protected under dried debris.

Disinfection Vario Program

The G 7881's high level thermal disinfection is achieved during the last 10 minutes of the final rinse cycle when the temperature rises to and holds at 93°C/200°F for ten minutes. This is the most widely used and recommended program, providing a microbial contamination reduction of 99.999999% exceeding OSHA standards.

At the end of the program, The instruments will be at their hottest, allowing for faster and more efficient drying results.

Enhanced Patient and Staff Safety

Miele's G 7881 reduces the handling of instruments by staff members which results in a reduced possibility of a "sharps" incident. The staff is additionally protected against infection while handling the instruments because of the high level of disinfection that takes place during the Disinfection Vario Program.

The ultimate benefit is that you have peace of mind because you are providing the highest level of patient care with a validated cleaning system for your instruments, in addition to protecting your staff.

Customizable

Miele offers a wide range of specialized baskets and inserts that have been designed for individual instruments and enables the G7881 to be customized to the needs of the practice. Hollow instruments can be cleaned and disinfected by using injector basket O177/1. Hinged instruments should be opened and placed in a mesh tray, i.e. the E 378 or E 379. In addition, a combination of baskets and inserts can be used to clean the specific instruments of a dental practice.

The Right Capacity

Unlike other automated processing systems, The G 7881 provides a two-level chamber, which can accommodate both baskets and inserts and can hold a combination of cassettes, as well as a variety of hinged instruments in open mesh trays. This enables the practice to provide more procedures as the staff can process more cassettes in a day, which ultimately leads to a more productive practice.

Increases the Business of the Practice

Improving Your Business Practice

Today, more than ever, dentists are challenged to justify capital expenditures and Miele delivers. With the G 7881, you not only streamline the back office sterilization center, but our customers report you can enhance productivity by 20 to 50%.

"With the use of the G 7881, we have achieved an immediate 20% increase in doctor productivity. While reducing the amount of activities we do in the back office, we can spend more time chairside, which is leading to a greater financial return for the practice".

Maggie Shulze, CDA,
Dr. Kevin Murphy Practice
Baltimore, Maryland

"We chose the Miele G 7881 to replace an ultrasonic cleaner as it could disinfect mass amounts of instruments at one time. With more time chairside, we have increased our productivity by 50%."

Amanda Cheatham
Boozer Dental Works
Tyler, Texas

Why Miele?

For more than 30 years, Miele has worked closely with dentists, hygiene specialists and instrument manufacturers leading the way as a true innovator in the development of washer-disinfectors for dental settings.

Known worldwide for our commitment to product quality, performance and attention to detail, Miele has a professional service and training team second to none and offers a complete professional inservice training for clients. All this makes Miele the system of choice for dentists worldwide.

G 7881 At-A-Glance

General Dentistry Package

This package of baskets and inserts will hold 18+ cassettes in the E 523 inserts as well as hinged and other instruments placed in the E 379 open mesh tray.

Oral Surgery Package

This package of baskets and inserts will hold 12+ cassettes in E 523 inserts as well as hinged and other instruments placed in the E 379 open mesh tray. It also comes with the 0 177/1 injector basket for hollow instruments.

Cleaning Mechanism

Rotary, three multi-jet spray arms
Direct Injection (using optional 0177 upper basket)

Plumbing Connections

One or two water connections as follows:
Tap: Cold water for wash cycles. 5'5" connection hose with 3/4" hose thread unions
Minimum flow rate of 2.5 gpm/10-147 psi (recommended 25-60 psi)
DI Source (use optional): 5'.6" connection hose with 3/4" hose thread unions
Minimum Flow rate of 2.5 gpm/10-147 psi (recommended 25 - 60 psi)

Drain Connections

One 7/8" ID flexible drain hose connection, 4 '7" long
Maximum drain height, 39.4" / Maximum drain length, 13"

Electrical Requirements

Single Phase 208V, 60 Hz, 2 x 30 Amps
Unit is equipped with a 5'11", 10 AWG, 3 wire, unterminated power cord
Units are CS approved (certificate 1319665)

Dimensions

Interior 18.5"H x 20.5" W x 20.5"D
Exterior 33.46"H x 23.54"W x 24.0"D (Height is 32.28" without lid)

Noise Level

<60 dBA

Customizable Panels

Main panel: 442 mm, H x 586 mm W, 1.2 mm thick

Toe Kick Service Panel

117 mm H x 586 mm W. 1.2mm thick
Stainless steel and cabinet-matching panels available through Miele

Optional Accessories

Miele offers additional Mesh baskets with lids, support Inserts for single and double-ended instruments; inserts for trays and additional cassettes.

Other accessories include a DOS pump for liquid detergent; a stainless steel base, storage cabinet, mounting kit and cool down kit.

Optional Detergents

Miele recommends Neodisher powder and liquid detergents ,
Mielclear Rinse Aid and Acid Neutralizer.

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