

G 7883 Laboratory Glassware Washer

Analytical Cleaning, Compact Design





G 7883: Advancing the Science of Clean

Miele G 7883 Overview

As research becomes more and more precise, the importance of perfectly clean glassware is paramount. Thousands of laboratories around the world have discovered the power of Miele under counter glassware washers.

The G 7883 not only saves researchers from the labor-intensive task of hand washing, it also provides more repeatable, and efficient results. From water treatment labs doing trace metal analysis to university tissue culture labs, the Miele G 7883 sets the standard for brilliant results in an under counter design.

Superior Cleaning Results

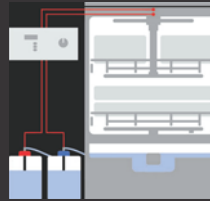
Miele washers employ a delicate balance of four factors to ensure exemplary cleaning results. Through a careful balance of wash time, water temperatures, water circulation, and specific detergents, Miele systems provide reliable wash results.

Advanced wash programs, precise sensors, and leading componentry; Miele truly is advancing the science of clean.

Optional Automated Liquid Dispensing

Optional for the G 7883 is an off-board liquid detergent dispenser. Standard is powder detergent via door cup and off-board liquid neutralizer dispensing.

Automatic liquid dispensing provides high levels of accuracy and eliminates potential user error in the dosing process. The reservoir means less refilling, typically yielding up to 500 washes.



Stainless Steel Construction

Miele wash chamber longevity is the result of stainless steel, German engineering, and renowned craftsmanship.

The chambers are built to withstand the rigors present in a demanding workplace. Side walls and ceiling are constructed of 304



stainless steel, with the floor and door constructed of high-grade 316 stainless steel for extra corrosion resistance. Seams are laser welded external to the wash chamber, eliminating spot welds where corrosion can occur.

Optional White Exterior

For greater installation flexibility, the G 7883 is also available with a white exterior, for facilities not needing a stainless steel exterior or wishing to match cabinetry.

G 7883 Key Features

- Multitronic controller
 - 8 standard wash programs
 - 1 additional custom program space
 - Adjustable wash temperature
 - Adjustable wash and rinse times
- Standard powder detergent dispensing
 - Standard off-board 5L liquid neutralizer dispenser
 - One optional off-board 5L liquid detergent dispenser
- Adjustable main wash and DI rinse
 - Adjustable from ambient to 93° C
- 106 gpm high-flow circulation
 - Separate drain & circulation pumps
- Dual temperature sensors
 - Advanced accuracy and redundancy
- Steam condenser
 - Reduced ambient heat
- Optional RS-232 port
- Standard stainless steel exterior
 - Optional white exterior

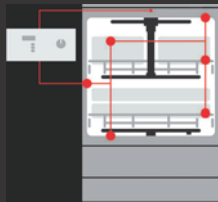


Miele

Leading Machine Features, Superior Cleaning Results

Validation-Friendly Design

Featuring the Multitronic controller, optional RS 232 connection, multiple sensors, fault indicators, and a validation test port, the G 7883 is ideal for facilities requiring machine validation.

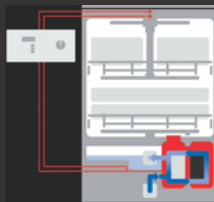


Miele also offers complete validation services, including extensive IQ/O documentation and convenient set pricing to simplify costing concerns and purchase orders.

Standard Built-In Water Softener

Soft water provides better cleaning than hard water and is gentler on your washer. For this reason, the G 7883 is equipped with a built-in water softener system. This eliminates scaling and enables your detergent to work at peak efficiency.

The timing of the Miele system can be adjusted to compensate for the hardness of your incoming water supply. If incoming water is already soft, the system can simply be deactivated.



Advanced Filter System

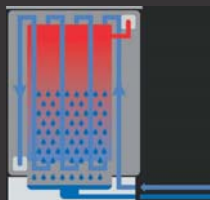
The G 7883 features multiple sump filters to help prevent debris from the wash load from recirculating, while filters upstream of the circulation pumps protect and extend pump life.



Standard Steam Condenser

The steam condenser eliminates the need for external machine venting while eliminating potentially hazardous steam from venting into the lab during operation.

Using cold water, this system condenses water vapors and flushes them down the drain. This ensures minimal radiant heat and a more pleasant work environment. Installation is also greatly simplified.



High-Volume Pumps

At near twice the circulation power of other manufacturers, the G 7883 features a low pressure, 106 gallon/minute circulation rate. This provides a high turnover rate of water, while remaining gentle enough not to damage or break delicate glassware, metal components, or electronics.

The G 7883 also features separate pumps for circulation and drainage, simplifying installation and reducing cross-contamination concerns.

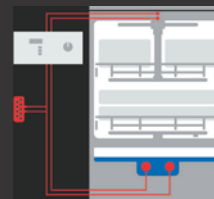
The pumps feature speed sensors and a gentle start for maximum pump longevity.



Adjustable High Wash Temperatures

Hotter water provides better cleaning and rinsing. The G 7883 can heat wash water and DI water up to 93° C, compared to 60° C found in other machines. Separate wash and DI rinse temperatures are user-configurable.

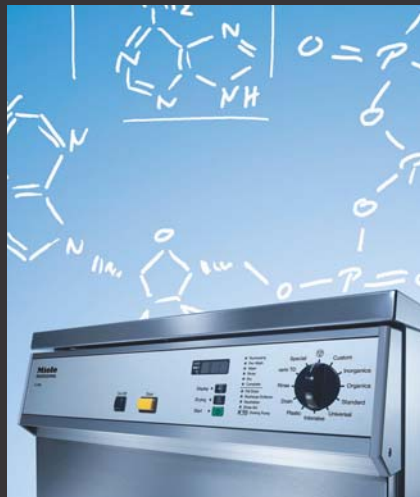
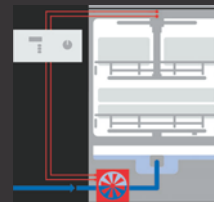
The G 7883 features dual sensors to ensure consistent temperatures, allowing a higher degree of accuracy and control.



Flow Meters & Heated DI Rinse Cycles

Complete elimination of residue is best accomplished by one or more heated DI rinse cycles. The G 7883 features a DI water connection, the ability to heat the DI water up to 93° C, and the option of up to six DI rinse steps.

Miele combines this with flow meters on all incoming water lines. This feature allows extremely precise filling, and varying of fill volume by program step. The ability to vary fill volumes helps to save water by allowing the use of less water in certain wash or rinse steps.



Multitronic Controller: Simplicity and Ease of Use

Simple Control

The Miele Multitronic control system is powerful and easy to use, providing quick access to all program functions and indicators.

Through the expertise of the Miele Application Laboratory, the G 7883 is equipped with a strong selection of eight standard cleaning programs to deftly handle common laboratory cleaning challenges.

The eight standard wash routines are ideal for the vast majority of cleaning applications. For added flexibility, the Multitronic control system features the *Custom* program slot for addition of a wash routine with customized wash and rinse temperatures, addition of wash steps, and modified holding times.

Should your cleaning application require special attention, our application specialists will work with you to guarantee the best programming for your specific, unique needs.

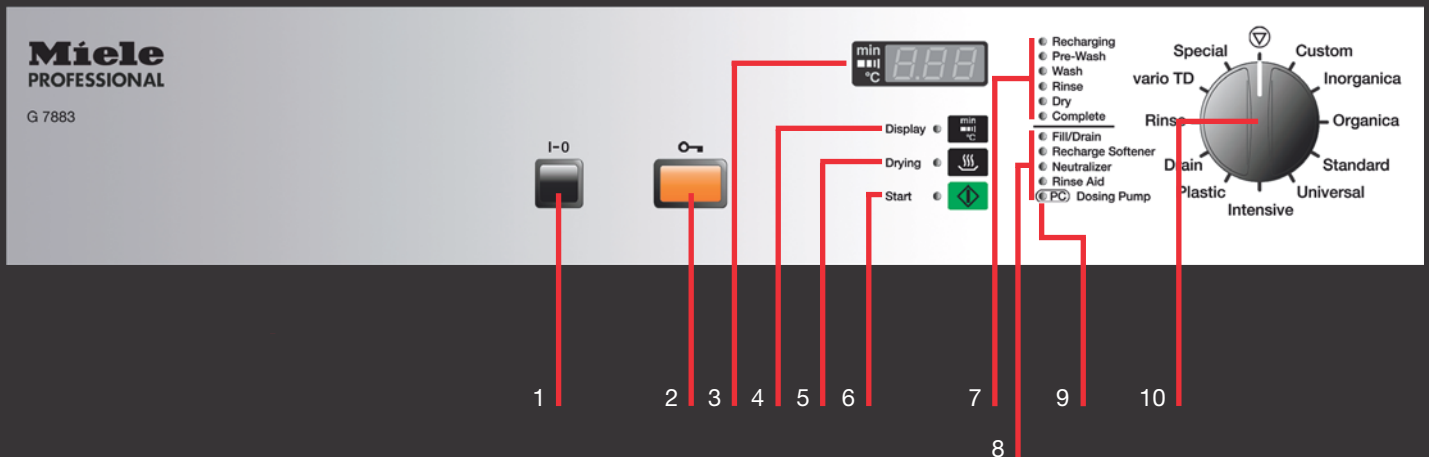
Advanced Cleaning

Program selection is accomplished through a single, easy-to-use dial, enabling an operator to use the machine even when wearing bulky protective gloves.

The Multitronic display and alert system has been designed to provide clear and concise indication of all machine actions. The LCD alphanumeric display can be toggled to clearly display wash program step, temperature, or time elapsed.

At a glance, the wash step indicator clearly shows what stage the program is currently in. The display also shows fault codes, alerting technicians of an impediment to the wash performance.

Completion of the wash program is indicated both on the display and acoustically with the included buzzer, helping alert staff when the glassware is ready. System malfunctions, such as drain or fill errors, are signaled both visually, and audibly using the error fault lights and buzzer.



- 1 On/Off button
- 2 Electronic door lock
- 3 Alphanumeric LCD display
- 4 Minute / Wash Step / ° C LED display
- 5 Optional drying selector
- 6 Program selector button
- 7 Program sequence indicator LEDs
- 8 Error indicator LEDs
- 9 Optical PC interface
- 10 Rotary selector dial

Miele Professional: Service and Customization at Your Fingertips

The Exclusive Application Laboratory

Drawing on a library of knowledge constructed over 100 years through cleaning innovation and expertise, Miele provides world-class application assistance and consultation.

A key component of this is the exclusive Miele Application Laboratory, housed in Princeton, NJ, with a sister lab in Gütersloh, Germany.

Through these active working labs, Miele constantly surveys the horizon for unique cleaning challenges. This ensures you a truly competent and uniquely tailored cleaning system. Miele will also guide you, through testing, to the proper basket system. Whether cleaning narrow-necked Erlenmeyer flasks containing solvents on an injection insert, orthopedic knee implants covered in titanium dust in the proper wash rack, or loose stainless steel gears coated in cutting oils in a fine mesh basket, you are ensured consistent results.



Wide Array of Baskets & Detergents

Through the largest collection of washer baskets and detergents in the industry, you are ensured a specific, automated washing solution to your unique cleaning requirements.

And, should your needs change, rest assured in knowing that Miele baskets and inserts are highly interchangeable, meaning that your new cleaning procedure, including detergents and wash baskets, is only a phone call away.

Comprehensive Validation Services

Miele is proud to offer renowned validation documentation and services for Miele Professional laboratory glassware washers.

Miele validation services include extensive Miele-developed IQ/OQ documentation, fully trained validation technicians, and convenient set pricing to eliminate cost concerns associated with hourly billing by independent consultants.



Miele Professional Technical Service

Place your trust in Miele, and you are incorporating an industry-leading cleaning system into your facility. A network of dedicated and highly specialized Miele Professional Technical Service personnel guarantees that on-site assistance is close at hand.



To ensure a robust operating life, Miele produces spare parts for at least 15 years from the discontinuation of series production for every model. Coupled with industry-leading engineering, you have a rock-solid, reliable cleaning solution.

Miele sets the standard in terms of knowledge, application support, and training. Beyond comprehensive machine service, Miele Professional Technical Service also excels in installation and application-related issues, supplying you with the flexibility needed to deftly handle evolving goals and application issues.



Miele Professional

9 Independence Way
Princeton, NJ 08540
USA

☎ 800.991.9380

☎ 609.419.4241

🌐 labwasher.com

Miele Limited

161 Four Valley Drive
Vaughan, ON L4K 4V8
Canada

☎ 800.643.5381

☎ 905.532.2290

🌐 miele.ca

Miele S.A. de C.V.

Av. Santa Fe 170, German Centre: 0-4-2

Col. Lomas de Santa Fe

C.p. 01210. Mexico, D.F.

☎ (+5255) - 8503 9870 al 73

☎ (+5255) - 8503 9874

🌐 miele-professional.com.mx