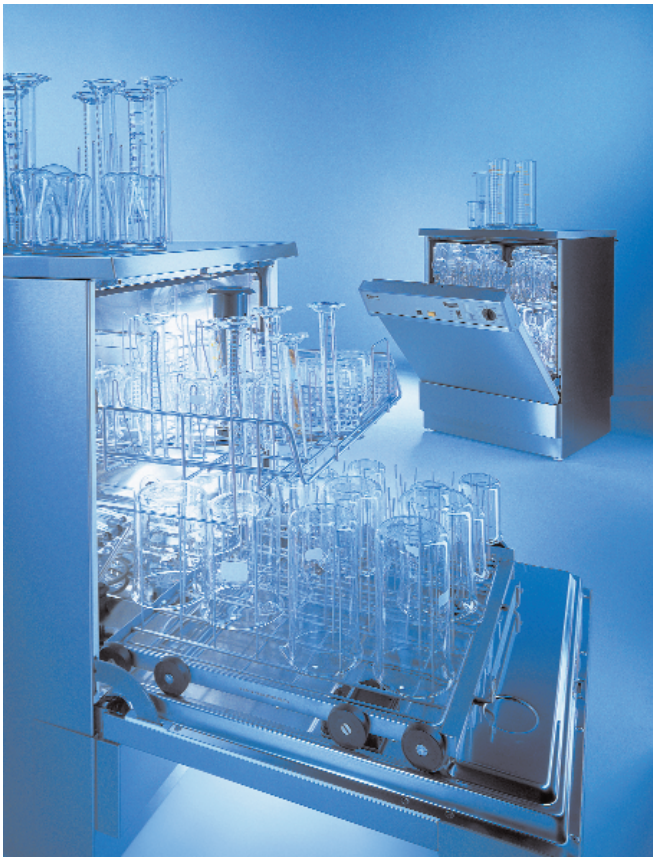


# G 7883

## Glassware Washing System



### The Miele G 7883

The Miele G7883 is the "industry standard" undercounter washer designed to handle the vast majority of glassware cleaning applications.

#### Key Features

- In addition to 8 standard wash programs, the G 7883 features a fully programmable "Custom" program slot for user-specific wash routines.
- Main wash and DI rinse temperatures are fully adjustable from ambient to 93°C. Heated DID rinses help ensure proper removal of contaminant and detergent residues. Temperature is monitored by dual sensors for superior accuracy.
- The built-in water softener provides optimal detergent performance regardless of incoming water hardness.
- A 304 and 316 grade stainless steel wash chamber provides superior corrosion resistance and helps extend overall machine life. The G 7883 also includes a validation test port for monitoring of chamber conditions.
- Flow meters on incoming water lines allow precise water fills, helping to increase overall water savings.
- A standard steam condenser eliminates the need for an external vent, preventing potentially harmful vapors from entering the laboratory.
- Each machine includes 6000 watts of heating power for efficient heating of wash and rinse water. High power elements guarantee proper temperatures are achieved quickly regardless of incoming water temperature.
- The heavy duty circulation pump is rated at 106 gallons per minute for fast, thorough cleaning. Separate drain and circulation pumps are standard to prevent cross contamination between drain and intake steps.
- The circulation pump includes a speed sensor which monitors pump speed and shuts it down in the event of an obstruction, preventing overheating and pump failure.
- Miele's Water-Proof system is designed to protect the laboratory from potential flooding. Double-wall intake hoses divert any leaks to the drip tray, where a float sensor shuts off water lines, and activates the drain pump.
- An audio-visual alarm system alerts operator to machine status and error conditions. In a crowded laboratory environment, the alarm can help save time by alerting the user immediately upon change in machine condition.
- Built-in top and bottom spray arms, plus a middle spray arm on the standard baskets, provide thorough spray coverage throughout the chamber, regardless of the number of pieces being cleaned or the number of basket levels being used.
- Miele's four-stage filter system keeps debris from reaching the pumps, helping to prevent both redeposit of contaminant on glassware and pump damage due to debris in the sump area.
- A powder door cup is included for easy detergent dispensing. If liquid detergent dispensing is desired, the optional DOS G-60 module can be added.
- The G 7883 automatically dispenses liquid acid neutralizer to remove any final detergent residues. Neutralizer is dispensed directly from a 5L jug, eliminating the need for frequent refilling.
- G 7883 accepts a variety of interchangeable standard and injection baskets for. Baskets can be easily changed to allow maximum flexibility from load to load.



# Technical Specifications

## G 7883



Programs	Standard	8 standard wash routines. Holding times, and temperatures are adjustable.
	Custom	One custom slot
Temperatures	Wash	Adjustable to 93°C
	Final Rinse	Adjustable to 93°C
Cleaning Mechanisms	Rotary Direct Injection	Dual spray arms located at the top, and bottom of chamber Upper, lower, or dual injection baskets available
Drying System		Gravity-convected 10 minute drying system which may be turned on or off in each cycle
Water Softener		Built-in softener with adjustable water hardness control
Steam Condenser		Included. No external venting is required.
Detergent and Neutralizer Dispensing	Detergent	Standard powder door cup dispenser. Liquid detergent dispensing is available by adding an optional DOS G-60 module.
	Neutralizer	Liquid dispenser is standard. Neutralizer is dispensed directly from the 5L container.
Main Circulation Pump	Circulation	Rated at 106 gallons per minute (400 l per minute) Pump includes speed sensor to protect against overheating
Cabinet and Chamber	Construction	Exterior: Brush finish type 304 Stainless Steel
		Interior: Type 304 SS sides, back, and top Type 316 SS chamber floor and door
Plumbing Connections	Tap (2 connections)	<i>Hot water for wash cycles.</i> One 1/2" ID pressure hose, 5' long for connection to 3/4" male hose thread. Recommended input pressure: 25-60PSI, Acceptable 10-145PSI Maximum incoming temperature = 70°C
		<i>Cold water for wash cycles / steam condenser.</i> One 1/2" ID pressure hose, 5' long for connection to 3/4" male hose thread. Recommended input pressure: 25-60PSI, Acceptable 10-145PSI
	DID (1 connection)	<i>DID water for rinse cycles.</i> One 1/2" ID pressure hose, 5' long for connection to 3/4" male hose thread. Recommended Input pressure: 25-60PSI, Acceptable 10-145PSI If DI system is less than 10PSI, a pump kit is required.
Drain Connections	Connection	One 7/8" ID flexible drain hose. 5' long. Maximum drain height = 3'. Recommended connection to a separate standpipe.
	Flow Rate	10.5 liters (2.5 gallons) / minute
Electrical Connections	Three Phase <b>OR</b> Single Phase (with conversion)	208/220V, 60Hz, 20 Amps, 6.0kW total load  208/220V, 60Hz, 30 Amps, 4.2kW total load
		Unit equipped with 5ft, 12/4 AWG unterminated power cord
Sound Level (dBA)	Freestanding Undercounter	52.9 measured 1 meter from the washer 50.1 measured 1 meter from the washer
Dimensions	Interior	18.5"H x 20.5"W x 20.5"D
	Exterior	33.5"H x 23.5"W x 23.5"D



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