

Miele Washer-disinfector vs Household Dishwasher

	Miele G7881 Washer-disinfector	Household dishwasher
Regulatory approvals	Regulatory approval as a medical device from virtually every international approval agency including Health Canada.	No regulatory approval.
Validated high-level disinfection	Heats water temperature to 93°C (200°F) and maintains this temperature for 10 minutes, achieving high-level thermal disinfection.	Heats water up to a maximum temperature of 60°C (140°F).
Proven, validated cleaning efficacy	Outstanding cleaning abilities, especially for blood (dried 6 hours), tissue and proteins. Cleaning efficacy validated by multiple independent studies from 3 rd party international test institutes.	Intermediate cleaning abilities. No validated 3 rd party cleaning studies available. Cleaning efficiency for blood, tissue and protein is unknown.
Proven, validated disinfection	Substantial microbiological studies conducted by multiple independent 3 rd party international test institutes.	No microbiological studies available by multiple independent 3 rd party international test institutes.
Product warranty protection	Product is designed as a medical device with applicable warranty.	Typically warranty would be voided for non-household applications.
Guaranteed performance with peace of mind	Medical device designed specifically for the rigors and demands of cleaning and disinfection of bioburden.	Machined designed for cleaning food residue from residential dishware.
Safe, proper and economical processing	Baskets and inserts easily accommodate a wide range of cassettes and loose instruments for proper instrument care.	Not designed for holding cassettes or loose instruments.
Best hygiene for personnel	The built-in steam condenser prevents vapours, heat and humidity from venting into the reprocessing area.	Vapours, heat and humidity vent into reprocessing area.
Operator safety	Electronic door lock preventing access to contaminated instruments until the end of the cycle.	Not available.
Product and application expertise	Support provided to ensure proper product operation, maintenance, instrument care and workflow.	No support available.
Optimal cleaning and instrument protection	Detergent, neutralizing agent and rinse aid specifically designed to effectively clean bioburden while offering the greatest protection to instruments	Additives available contain chemicals that are not designed for, nor compatible with, medical grade instrumentation and can cause discoloration and corrosion.
Unsurpassed water circulation rate	Water circulation pump rate is 400 l/min. producing efficient cleaning.	Water circulation pump rates range between 75-95 l/min.
Reduce variables and prolong product life	Integrated water softener helps prevent spotting, enhances detergent efficiency and prevents scaling.	Water softener not usually available.
Validated process control	Disinfection control light indicates successful disinfection.	Not available.
Operator guidance	Control lights for water softener, liquid detergent and neutralizing agent depletion.	Not available.
Product performance and life	Separate commercial grade circulation and drain pumps for better cleaning, improved hygiene and increased product longevity.	Usually combined, residential grade, drain/circulation pump.
Design and construction	Machine components are designed to withstand commercial additives, high temperatures, blood and proteins.	Machine components are made for cleaning of foodstuff from dishware.
Self disinfecting	Machine automatically disinfects itself as part of the processing cycle.	Disinfection is only possible with the use of bleach, a known cause of instrument corrosion.
Self regulating	Dual temperature sensors for precise regulation of water heating/temperatures.	Not available.
Validated dispensing	Optional connection to automatic dosing of liquid detergent.	Not available.