

# ***LABORATORY GLASSWARE WASHER***



# LABORATORY GLASSWARE WASHER

Iris Laboratory Glassware Washer conveys reliable and repeatable cleaning of glassware although maximizing floor space of your laboratory. The most common racks are interchangeable between wash levels. Provide useful functions to clean all glassware material such as beaker, flasks, and pipettes, test tubes in a bulk through cleaning, disinfecting and drying process.

Laboratory Glassware Washer comes with the experience done in the pharmaceutical, college, and university, industrial laboratory. It has LCD sources that remain operative during the whole cycle. For those who want a higher throughput we have large 480L chamber, with a drop down stainless steel and glass door.

Laboratory Glassware Washers IGW-1000 Series suitable for washing and drying narrow-neck with HEPA filter, general purpose glassware washer and has specialized features for contamination-sensitive research especially for laboratory and medical applications. The IGW-1000 is decontaminating equipment that worked on moist heat to remove contamination and bacteria with a large wash cabinet and short programme cycles. The key features include stainless steel interior, exterior, racks and inserts withstand heavy use and provide protection against corrosion resistance materials and offer internal components peristaltic pumps and seals laboratory-grade for excellent durability of instruments.

Laboratory Glassware Washers IGW-2000 Series is the most popular glassware washer that provides washing and drying function with HEPA filter can clean and dry the inner of tubular things especially for laboratory and medical applications. The IGW-2000 is decontaminating equipment that worked on moist heat to remove contamination and bacteria with a large wash cabinet and short programme cycles. The key features include stainless steel interior, exterior, racks and inserts withstand heavy use and provide protection against corrosion resistance materials and offer internal components peristaltic pumps and seals laboratory-grade for excellent durability of instruments.

Laboratory Glassware Washers IGW-3000 Series designed to provide excellent cleaning and drying efficiency with HEPA filter, can clean and dry the inner of tubular things especially for laboratory and medical applications. The IGW-3000 is decontaminating equipment that worked on moist heat to remove contamination and bacteria with a large wash cabinet and short programme cycles. The key features include stainless steel interior, exterior, racks and inserts withstand heavy use and provide protection against corrosion resistance materials and offer internal components peristaltic pumps and seals laboratory-grade for excellent durability of instruments.

Laboratory Glassware Washers IGW-4000 closed and compact sophisticated model and easy to use. The chamber capacity is up to 308 L and perfect solution for both small and large items as it has countertop installation as well as under counter installation. The IGW-4000 is decontaminating equipment that worked on moist heat to remove contamination and bacteria with a large wash cabinet and short programme cycles. The key features include stainless steel interior, exterior, racks and inserts withstand heavy use and provide protection against corrosion resistance materials and offer internal components peristaltic pumps and seals laboratory-grade for excellent durability of instruments.

Laboratory Glassware Washers IGW-5000 is a double glass sliding door large glassware washer for cleaning both small and large items and increase workflow and output as user can load 5 independent racks especially for laboratory and medical applications. The IGW-5000 is decontaminating equipment that worked on moist heat to remove contamination and bacteria with a large wash cabinet and short programme cycles. The key features include stainless steel interior, exterior, racks and inserts withstand heavy use and provide protection against corrosion resistance materials and offer internal components peristaltic pumps and seals laboratory-grade for excellent durability of instruments.

## LABORATORY GLASSWARE WASHERS IGW-1000 SERIES



Laboratory Glassware Washers IGW-1000 Series suitable for washing and drying narrow-neck with HEPA filter, general purpose glassware washer and has specialized features for contamination-sensitive research especially for laboratory and medical applications. The IGW-1000 is decontaminating equipment that worked on moist heat to remove contamination and bacteria with a large wash cabinet and short programme cycles. The key features include stainless steel interior, exterior, racks and inserts withstand heavy use and provide protection against corrosion resistance materials and offer internal components peristaltic pumps and seals laboratory-grade for excellent durability of instruments.

### Features

- With default and standard programs with user defined and custom programming
- Washing chamber and internal door are made up to 316L and 304L stainless steel
- Provide over temperature and leakage protection
- Large capacity due to optimised chamber dimensions
- Versatility and reliable
- Use peristaltic pump for liquid detergent and neutralizer
- Independent air heater, HEPA filter and drying process
- Quick and effective drying system
- Offer fault diagnosis, electronic lock, automatic power off function
- Comes with rotatory knob and 4 castors
- Suitable for cleaning laboratory glass vessels, ceramic, metal and plastic materials

### Accessories

- RS 232
- SD card
- Printer
- Pure booster pump

## Technical Specifications

Model	IGW-1200		IGW-1400	
Functions	Washing		Washing + Drying with HEPA filter	
Capacity	176 L		176 L	
Circulating System	0 to 400 L/min		0 to 400 L/min	
Materials	Internal Panel: 316L, External Panel: 304L		Internal Panel: 316L, External Panel: 304L	
Peristaltic pump	2 to 4 pcs		2 to 4 pcs	
Programs	8 Standard, 2 user defined		8 Standard, 2 user defined	
Function	Fault diagnose, electronic lock, automatic power off		Fault diagnose, electronic lock, automatic power off	
Interface	RS232, SD card, printer, pure booster pump		RS232, SD card, printer, pure booster pump	
Heating Power	4 KW/9 KW		4 KW/9 KW	
Dimension	950×605×750 mm		950×925×750 mm	
Electrical Requirement	220V/50Hz	380V/50Hz	220V/50Hz	380V/50Hz
Catalogue No.	370050502	370050503	370051002	370051002

## LABORATORY GLASSWARE WASHERS IGW-2000 SERIES



Laboratory Glassware Washers IGW-2000 Series is the most popular glassware washer that provides washing and drying function with HEPA filter can clean and dry the inner of tubular things especially for laboratory and medical applications. The IGW-2000 is decontaminating equipment that worked on moist heat to remove contamination and bacteria with a large wash cabinet and short programme cycles. The key features include stainless steel interior, exterior, racks and inserts withstand heavy use and provide protection against corrosion resistance materials and offer internal components peristaltic pumps and seals laboratory-grade for excellent durability of instruments.

### Features

- With default and standard programs with user defined and custom programming
- Washing chamber and internal door are made up to 316L and 304L stainless steel
- Provide over temperature and leakage protection
- Automatic safety lock
- Large capacity due to optimised chamber dimensions
- Versatility and reliable
- Use peristaltic pump for liquid detergent and neutralizer
- Independent air heater, HEPA filter and drying process
- Quick and effective drying system
- Offer fault diagnosis, electronic lock, automatic power off function
- Comes with rotatory knob
- Suitable for cleaning laboratory sampling tubes, measuring tubes, pipette in bulk quantity
- Comes with automatic sliding glass door
- Integrated with PT1000 sensor
- Offer interchangeable cleaning frame and baskets
- Built-in steam condenser

### Accessories

- RS 232
- Pure booster pump

## Technical Specifications

Model	IGW-2200		IGW-2400	
Function	Washing		Washing + Drying with HEPA filter	
Capacity	198 L		198 L	
Washing Temperature	≤ 93°C		≤ 95°C	
Materials	Internal Panel: 316L, External Panel: 304L		Internal Panel: 316L, External Panel: 304L	
Peristaltic pump	2 to 4 pcs		2 to 4 pcs	
Sensor	PT1000		PT1000	
Cleaning Quantity	Sampling Tube: 448 or 476 pcs, Measuring Tube 100 (ml): 84 pcs, Pipette: 238 pcs		Sampling Tube: 448 or 476 pcs, Measuring Tube 100 (ml): 84 pcs, Pipette: 238 pcs	
Programs	36 Default, 100 Custom		36 Default, 100+Custom	
Interface	RS232, pure booster pump		RS232, pure booster pump	
Heating Power	3/9/18 KW		3/8/18 KW	
Total Power	5/11/20 KW		5/11/20 KW	
Dimension	1000×617×770 mm		1000×935×770 mm	
Electrical Requirement	220V/50Hz	380V/50Hz	220V/50Hz	380V/50Hz
Catalogue No.	370100502	370100503	370101002	370101003

## LABORATORY GLASSWARE WASHERS IGW-3000 SERIES



Laboratory Glassware Washers IGW-3000 Series designed to provide excellent cleaning and drying efficiency with HEPA filter, can clean and dry the inner of tubular things especially for laboratory and medical applications. The IGW-3000 is decontaminating equipment that worked on moist heat to remove contamination and bacteria with a large wash cabinet and short programme cycles. The key features include stainless steel interior, exterior, racks and inserts withstand heavy use and provide protection against corrosion resistance materials and offer internal components peristaltic pumps and seals laboratory-grade for excellent durability of instruments.

### Features

- With default and standard programs with user defined and custom programming
- Washing chamber and internal door are made up to 316L and 304L stainless steel
- Provide over temperature and leakage protection
- Automatic safety lock
- Large capacity due to optimised chamber dimensions
- Versatility and reliable
- Use peristaltic pump for liquid detergent and neutralizer
- Quick and effective drying system
- Suitable for cleaning laboratory sampling tubes, measuring tubes, pipette in bulk quantity
- Comes with automatic door function
- Integrated with PT1000 sensor
- Independent air heater, HEPA filter and drying process
- Offer interchangeable cleaning frame and baskets
- Comes with countertop and under counter installation
- Provide conductivity monitoring system

## Technical Specifications

Model	IGW-3200		IGW-3400	
Function	Washing		Washing + Drying with HEPA filter	
Capacity	126 L		160 L	
Circulating System	0 to 400 L/min		0 to 400 L/min	
Washing Temperature	≤ 93°C		≤ 93°C	
Materials	Internal Panel: 316L, External Panel: 304L		Internal Panel: 316L, External Panel: 304L	
Peristaltic pump	2 pcs		2 to 3 pcs	
Sensor	PT1000			
Programs	36 Default, 50+user defined		36 Default, 50+user defined	
Interface			RS232	
Installation	Counter top		Under counter	
Heating Power	2 KW		3 KW/9 KW	
Total Power	3 KW		4/10 KW	
Dimension	680×617×765 mm		835×617×765 mm	
Electrical Requirement	220V/50Hz	380V/50Hz	220V/50Hz	380V/50Hz
Catalogue No.	370150502	370150503	370151002	370151003



## LABORATORY GLASSWARE WASHERS IGW-4000



Laboratory Glassware Washers IGW-4000 closed and compact sophisticated model and easy to use. The chamber capacity is up to 308 L and perfect solution for both small and large items as it has countertop installation as well as under counter installation. The IGW-4000 is decontaminating equipment that worked on moist heat to remove contamination and bacteria with a large wash cabinet and short programme cycles. The key features include stainless steel interior, exterior, racks and inserts withstand heavy use and provide protection against corrosion resistance materials and offer internal components peristaltic pumps and seals laboratory-grade for excellent durability of instruments.

### Features

- With default and standard programs with user defined and custom programming
- Washing chamber and internal door are made up to 316L and 304L stainless steel
- Provide over temperature and leakage protection
- Automatic safety lock
- Large capacity due to optimised chamber dimensions
- Versatility and reliable
- Use peristaltic pump for liquid detergent and neutralizer
- Quick and effective drying system
- Suitable for cleaning laboratory sampling tubes, measuring tubes, pipette in bulk quantity
- Comes with automatic door function
- Integrated with PT1000 sensor
- Offer interchangeable cleaning frame and baskets
- Comes with automatic sliding glass door
- Provide steam generator
- Comes with countertop and under counter installation
- Provide conductivity monitoring system

### Accessories

- RS 232
- Pure booster pump

## Technical Specifications

Model	IGW-4000	
Capacity	308 L	
Materials	Internal Panel: 316L, External Panel: 304L	
Cleaning Quantity	Sampling Tube: 672 pcs, Measuring Tube 100 (ml): 126 pcs, Pipette: 238 pcs	
Programs	36 Default, 100+Custom	
Interface	RS232, pure booster pump	
Heating Power		
	3/8/18 KW	
Total Power	5/11/20 KW	
Dimension	1350×925×760 mm	
Weight		
Electrical Requirement	220V/50Hz	380V/50Hz
Catalogue No.	370200502	370200503

## LABORATORY GLASSWARE WASHERS IGW-5000



Laboratory Glassware Washers IGW-5000 is a double glass sliding door large glassware washer for cleaning both small and large items and increase workflow and output as user can load 5 independent racks especially for laboratory and medical applications. The IGW-5000 is decontaminating equipment that worked on moist heat to remove contamination and bacteria with a large wash cabinet and short programme cycles. The key features include stainless steel interior, exterior, racks and inserts withstand heavy use and provide protection against corrosion resistance materials and offer internal components peristaltic pumps and seals laboratory-grade for excellent durability of instruments.

### Features

- With default and standard programs with user defined and custom programming
- Washing chamber and internal door are made up to 316L and 304L stainless steel
- Automatic safety lock
- Large capacity due to optimised chamber dimensions
- Versatility and reliable
- Use peristaltic pump for liquid detergent and neutralizer
- Quick and effective drying system
- Comes with automatic door function
- Integrated with PT1000 sensor
- Independent air heater, HEPA filter and drying process
- Comes with automatic sliding double glass door
- Use 5 level loading baskets
- Provide dosing detection
- With spray arm speed monitoring and basket self-recognise function

## Technical Specifications

Model	IGW-5000
Capacity	≥480 L
Circulating System	1300L/min.
Basket Loading	5 Levels
Materials	Internal Panel: 316L, External Panel: 304L
Programs	36 Default, 100 user defined
Heating Power	9/18/27 KW
Total Power	12/21/30 KW
Environment Temperature	5 to 40°C
Dimension	2340×1260×1050 mm
Electrical Requirement	380V/50Hz
Catalogue No.	370250502