



GENEVA SCIENTIFIC

LAB EQUIPMENT SOLUTIONS

LABORATORY GLASSWARE DRYER - LAB 500 DRYER



Model	LAB 500 DRYER
Exterior Dimensions (WxDxH)	23.62" x 24.8" x 33.46"
Chamber Dimensions (WxDxH)	21.85" x 19.68" x 26.38"
Sound Level	52 dB
Programs	2
Electrical	208V/60Hz 220V/60Hz

The LAB DRYER is an under counter glassware dryer designed to handle a wide range of laboratory glassware positioned on baskets and coming from a Steelco LAB 500 series automatic washer disinfecter.

This unit has 2 separate drying injection connections allowing the use of all the dedicated LAB 500 series upper and lower washing carts.

The upper level has telescopic bearing rails enabling the use of specific upper wash carts. The drop-down door provides a loading platform for lower and dual injection wash carts for a convenient loading and unloading job.

The electronic programmable microprocessor allows the use of 2 adjustable drying programs set as standard with a duration time of 20 and 30 minutes. An additional program is dedicated to maintain temperature.

By skipping the drying phase using an external device, the automatic glassware washer can be loaded for the next cycle earlier. This combination provides the same throughput of glassware as 2 individual glassware washers.

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STANDARD FEATURES

Hinged Drop Down Door

*Counterbalanced for ease of operation, stainless steel AISI 316L (DIN 1.4404) drying chamber side, stainless steel AISI 304 external side

*The door acts as a loading platform for lower and dual injection wash carts for a convenient loading and unloading job

*Fully insulated to reduce heat loss and noise

Fully Extendable Load Bearing Arms

*The upper level has fully extendable telescopic bearing rails enabling the use of specific upper washing carts

Forced Hot Air Drying System

*Air circulation in the chamber, and through the wash carts injection system / washing arms.

*F5 (EN 779) pre filter

*2.0 kW heating elements provide up to 140°C (184°F) air

*Dryer blower flow rate up to 150 m³/h (5,297 ft³/h)

Direct Injection System

*2 wash chamber connections for upper, lower and dual injection wash carts

Microprocessor Control System

*The electronic programmable microprocessor allows the use of 2 adjustable drying programs set as standard with a duration time of 20 and 30 minutes. An additional program is dedicated to maintain temperature

System Control Panel

*Digit pressure function buttons

*3 character monochrome LED display

System Monitoring

*Double temperature check PT 1000

SAFETY FEATURES

Safety Thermostats

*Heating elements overheating safety thermostats

Drop Down Door

*Eliminates the safety hazard associated with guillotine type doors

*Counterbalanced for safe operation

CONSTRUCTION

Drying Chamber and Door Internal Side

*Constructed using AISI 316L BA Ra<30 µm

Exterior

*AISI 304 Scotch Brite finish Ra<40 µm

Components

*Constructed using stainless steel and other materials which are resistant against the effects of aggressive detergents

Insulation

*High performance melamine insulation guards against heat loss and reduces noise level

OPTIONS

***Seismic Tie Down:** Anchors washer to floor

***HEPA Filtration:** HEPA H14 filter with global efficiency 99.995% (EN 1822)

*Large variety of basket trays, injector racks, net baskets and specialty racks from the LAB 600 and LAB 610 series washers disinfectors



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