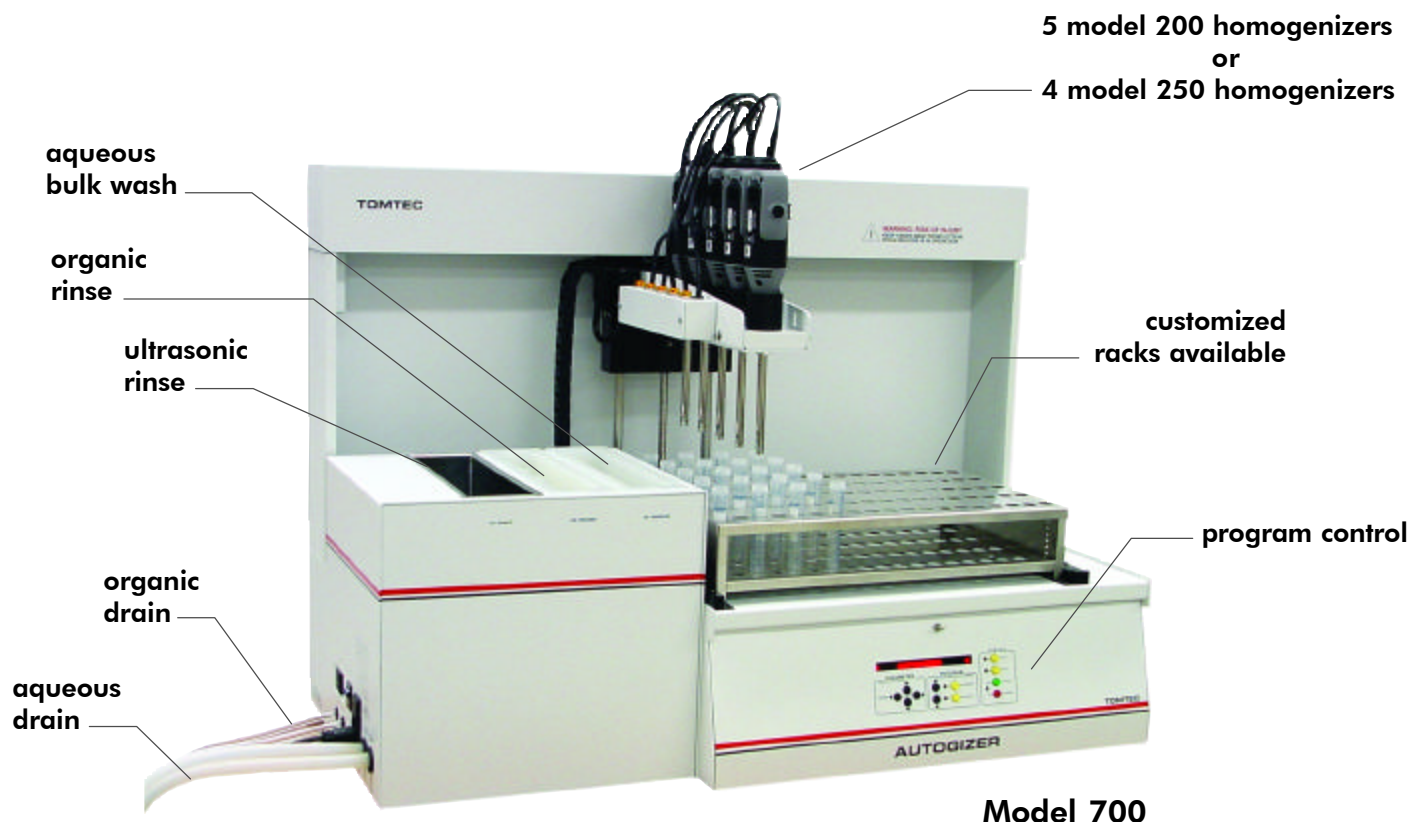




FULL WALK-AWAY AUTOMATION



Two Autogizer Models

Model 700

includes five Model 200 homogenizers
($1/5$ hp 5,000 to 30,000 rpm)

Model 701

includes four Model 250 homogenizers
($3/4$ hp 10,000 to 30,000 rpm)

Also available with 1 to 5 sonic probes.

Flexibility

Can run individual tubes or full racks

Fully Programmable Row by Row

with multiple operator set programs
Up-Down Cycling with height settings
Rate of Cycling, Timing of Cycling

Advanced Cutter Washing System

3 Programmable Circulated Wash Stations

Aqueous bulk wash
Organic rinse station
Ultrasonic final rinse

Customized Tube Rack

Standard or special racks for your tubes.
Available with or without ice baths.

Hood Enclosure

Insulated aluminum enclosure for sound and aerosol containment. Venting adapter included.

TOMTEC®

AUTOGIZER

Description of Operation

The **AUTOGIZER** is designed to fully automate a variety of homogenizing tasks. Model 700 is equipped with 5 Model 200 1/5 hp units. Model 701 is equipped with 4 Model 250 3/4 hp units for heavy duty tasks.

A wide range of cutter sizes are available for each model. A standard tube rack is included. Custom racks with or without ice baths are readily available.

The racks may be partially filled (1 or more) or fully filled for automated processing. The programming is by individual rows. The cutters may be oscillated up and down with the program setting speed of oscillation, upper and lower heights, time, and number of cycles in each row. The high cutter speed and versatile programming makes for quick and very efficient homogenizing.

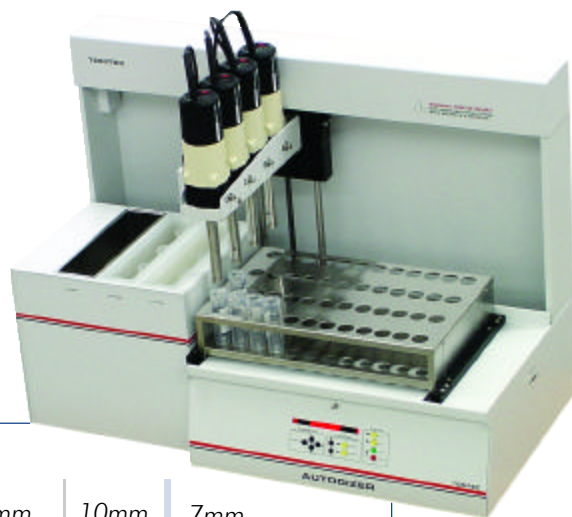


Optional Aluminum Hood Enclosure

- Provides sound and aerosol containment
- Sliding door access - Venting optional
- Shipped disassembled - Easy assembly
- Dimensions: 41" wide x 23" deep x 33" high

Specifications

Dimensions:	39" length	19" width	32" height
Gravity Drain:	Aqueous and Organic		
Power:	<u>Model 700</u>	<u>Model 701</u>	
	120VAC, 50/60Hz, 6 amps	120VAC, 50/60Hz, 30 amps	
	220VAC, 50/60Hz, 3 amps	220VAC, 50/60Hz, 15 amps	



Model 701

20mm

10mm

7mm



Optional Cutters

Standard Cutter

The cutters are cleaned automatically with three programmable wash stations. The first is an aqueous bulk wash station designed to be used with tap water. It provides quick, abundant washing, to effectively clean residual material from the cutters. It may not remove all fibrous material. Fibrous material may require manual intervention. The aqueous bulk wash station may also be fed from a reservoir and peristaltic pump. The wash time may have to be increased accordingly. The second wash station is for organic solvents, such as alcohol, to remove non-aqueous residuals. The third is an ultrasonic aqueous bath to serve as the final rinse. A peristaltic pump is provided to circulate the organic and ultrasonic baths. The wash waste is separated to organic or aqueous collection. The programming controls the cutter's motion and time in each wash station. Each wash station is independently programmable.

your sales representative is:

ORDERING INFORMATION

AUTOGIZER

five cutter automated multi-sample homogenizer

Cat. Num.: 700 (*)

includes: one standard rack, choice of tube rack

AUTOGIZER

four cutter automated multi-sample homogenizer

Cat. Num.: 701 (*)

includes: one standard rack, choice of tube rack

(*) Specify Country

TOMTEC®