

AUTOCLAVES GT SERIES

Autoclaves for crazing test of glazed ceramic tiles, maximum internal sizes 350x365 mm, 550x650mm or 550x750mm and 630x625mm according to the **UNI EN ISO 10545-11** standard requirements.

The pressurized container is all made from stainless steel AISI-304 suitably insulated with rock-wool, while the supporting frame from epoxy powder painted steel.

Thanks to the programmable microprocessor the unit can carry out a serial of standardized cycles in conformity to **UNI EN ISO 10545-11** norm but also customised cycles as the user may wish to do.

“Crazing” is formed by small cracks appearing in the glazed surface of the test piece.

The resistance to crazing is determined by subjecting the test piece to high pressure steam in the tank. Once the cycle is complete a coloured dye is washed over the glazed surface and wiped off. If crazing has occurred, the dye will enter the cracks and will remain after the excess is wiped off.

General features:

- Container made all stainless steel AISI-304
 - Working cycle standard program according to UNI EN ISO 10545-11 norm, and personalized cycles.
 - Max working pressure: 11 bar (183.2° C)
 - Electrical heating with minimum inertia
 - Cooling by coil water controlled by a solenoid valve
 - Cover closing by means of hand small wheels and VITON gasket
- Supplied with test holding basket in AISI-304.



Product Code

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Autoclave GT350	GT0140	Replacement heating element (GT-350)	GT0141
Autoclave GT450	GT2026	Replacement heating element (GT-450)	GT2031
Autoclave GT550	GT0150	Replacement heating element (GT-550)	GT1120
Autoclave GT550-750	GT1574	Replacement heating element (GT-630)	GT1327
Autoclave GT-630	GT1365	Pressure gauge (0-16 bar)	GT0142
		Safety Valve	GT1390

20 bar working pressure models available on request.

	GT350	GT450	GT550	GT550-750	GT630
Internal Di- mension	350mm dia x 365mm high (39 ltr)	450mm dia x 450 mm high (72 ltr)	550mm dia x 625mm high (171.5 ltr)	550mm dia x 750mm high (200 ltr)	630mm dia x 625mm high (250 ltr)
Overall Di- mensions	800 x 750 x 1250mm	1500 x 1250 x 1400 mm	1150 x 1050 x 1500mm	1150 x 1050 x 1650mm	1250 x 1150 x 1600mm
Power supply	400V, 50Hz three phase, 3kW	400V, 50 Hz three phase, 4.5kW	400V, 50Hz three phase, 9kW	400V, 50Hz three phase, 9kW	400V, 50Hz three phase, 12kW
Weight	230kg	375kg	520kg	560kg	650kg