

AUTOCLAVE 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.° 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.

	GT350	GT450	GT550	GT550-750	GT630
Internal Dimension	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 Dimensions	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

Autoclave GT350
Autoclave GT450
Autoclave GT550
Autoclave GT550-750
Autoclave GT-630

Product Code

GT0140
GT2026
GT0150
GT1574
GT1365

Replacement heating element (GT-350)
Replacement heating element (GT-450)
Replacement heating element (GT-550)
Replacement heating element (GT-630)
Pressure gauge (0-16 bar)

Product Code

GT0141
GT2031
GT1120
GT1327
GT0142

20 bar working pressure models available on request.

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