

## SHOCKTEC MODULE

Temperature changes test (thermal shock) and determination of flow rate overflow for washbasins and bidets



GT2453

CODE	MODEL	EXTERNAL DIMENSION	POWER	VOLTAGE	WEIGHT
GT2453	SHOCK-TECH-SAN	2000x150x1420 mm	4500 W	380 V - 50/60 Hz 3ph	350 Kg

STANDARDS	TEST	DESCRIPTION
EN 14688	5.4 - 1	Washbasins - Resistance to temperature change
EN 14688	5.9	Washbasins - Determination of flow rate of overflow
EN 14528	5.4 - 2	Bidet - Determination of flow rate of overflow
NF D 14-503	5	Resistance of enameled surfaces to thermal shock

### TESTS ON DEMAND

EN 13310 5.4 - Kitchen sink – Resistance to temperature change

EN 14527 8.3 - Shower Tray - Resistance to temperature change

EN 13310 5.9 - Kitchen Sink – Resistance to temperature change

NF D14-503 - Washbasin, shower tray, kitchen sink – Resistance to thermal shock of enameled surfaces

### SHOCKTEC MODULE

The SHOCK-TECH module performs the temperature change test (thermal shock) and determination of the overflow flow rate for washbasins and bidets and is built with the dimensions required to accommodate any washbasin (single and double washbasin, wall-hung washbasin and column washbasin). The washbasin is mounted on the module with wall fixings. It has two separate hydraulic circuits, one for cold water (15 ° C) and one for hot water (70 ° C). Both hydraulic circuits recycle the water used for each individual test. A flow meter is used both to adjust the flow rate during the 5.4-1 and NF tests, and to read the flow rate during the 5.9 and 5.4-2 tests. The 5.4-1 test must be performed a certain number of times (EN -1000 times)

### TECHNICAL SPECIFICATIONS

▪ HOT WATER TEMPERATURE: 50° C...75°C	COLD WATER TEMPERATURE: 10°C...20°C
▪ FLOW RATE: 2lt / min....26 lt / min	PLC 16BIT: 50 msec machine cycle 16+16 digital in/out 4 analog input
▪ POWER SUPPLY: 380 V - 50/60 Hz 3ph - Total power installed: 4500W	DIMENSION SIZE: Width 2000 mm B-Height 2150 mm - Depth 1420 mm
▪ WEIGHT: 350 KG	