CEMENT & MORTAR

Sustainable Precision

HUMIDITY CHAMBER
Standard: EN 196-1, EN 12390-2, EN 12390-9

Temperature & Humidity Control

Ideal for curing of cement & other specimens that require consistent temperature & humidity control. Easy to use & clear touch screen display panel provides user friendly operation, even for beginners. Constructed using full stainless steel material ensure long life span & fitted with transparent glass for easy viewing. Various types of safety warnings to protect chamber from abnormal operation.
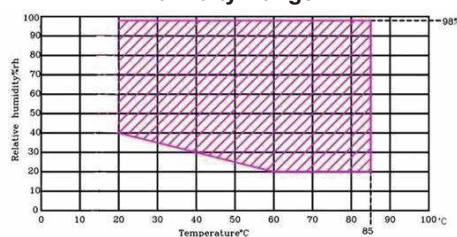
Technical Specifications :

Model Number	CL 3030 X / 006
Capacity	408 Liter
Power Supply Source	AC 380 - 415V, 50/60 Hz, 3 phase, 15 A
Temperature Range	- 40°C ~ +150°C (0.01°C resolution)
Temperature Accuracy	±1°C
Humidity Range	20% ~ 98% RH (0.1 % resolution)
Control Accuracy	±0.5°C / ±2.5 % RH
Working Environment	10°C ~ 38°C , Max 75 % RH
Cooling Speed	1°C / Min in average (without loading)
Heating Speed	1°C / Min in average (without loading)
Internal Chamber Material	SUS#304 Stainless Steel, Mirror Finished
External Chamber Material	Fully Stainless steel
Cooling Method	Air Cooling
Controller	Korea, TEMI 800 Controller LCD Touch Screen, programmable control temperature & humidity. Can set different parameter for cyclic test
Insulation Material	50 mm high density rigid Polyurethane foam
Heater	Explosion-proof type SUS#304 Stainless Steel fins radiator pipe heater
Compressor	France, Tecumseh compressor
Lighting	Heat Resistance
Temperature Sensor	PT-100 dry & wet bulb sensor
Observation Window	Tempered Glass
Testing Hole	Diameter 50mm, for cable routing
Safety Protection Device	Protection for leakage, over-temperatured, compressor overvoltage & overload, heater short circuit and water shortage
Internal Dimensions	600 (W) x 800 (D) x 850 (H) mm
External Dimensions	1045 (W) x 1375 (D) x 1750 (H) mm
Approx. Weight	360 kg

*1 Copy of Manual Instruction

Humidity Range

MAIN COMPONENTS

France Tecumseh Compressor

Korea TEMI 880 Controller

MADE IN MALAYSIA, ASIA LEADER MATERIAL TESTING EQUIPMENT