

SALES DEPT#: Accelerated Environmental Series
Quote#: HQ201703003
REVISION#: 1

DATE
 03rd Mar., 2017
OFFERVALIDITY
 30 Days

To:

Sawyer Mak
ABC Ltd

Haida is pleased to submit the following proposal for your consideration:

Model	Description	QTY	Unit Price (USD)
HD-E702-100-4	Climate Chamber (100L, -40~+150C, 20%~98%R.H)	1 set	
FOB Shenzhen cost			
Total Price			

Optional Accessories

- Adjustable sample tray\$
- Wet gauze \$
- Computer interface RS232.....\$
- RS232 – USB cable
- Factory 9-point calibration certificate \$

Start-Up

- Start-up and training..... \$
- Start-up of the system by a qualified service technician
- Training session on the operation and maintenance of the system

Trade term:

EXW Dongguan, China

Lead time:

Shipment for the above equipments is 20 days upon receipt of down payment.

Payment term:

T/T 50 % in advance, balance payment before delivery of goods

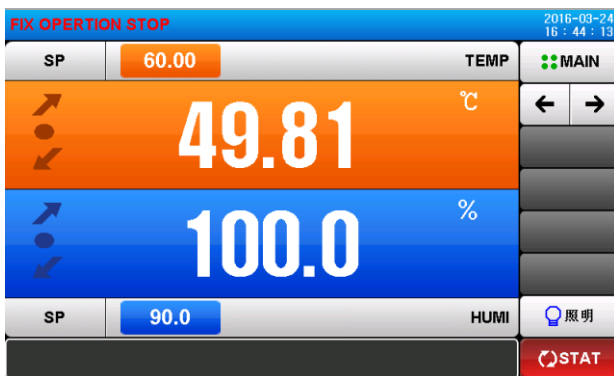
Validity:

This quote is firm for 30 days

Warranty:

One-year warranty on all parts, labor is not covered. Warranty coverage include shipment.

EQUIPMENT DETAILS



Temp. Humid. Programmable Controller



France Tecumseh compressor

GENERAL SPECIFICATIONS

Packaging Dimensions: (WxDxH) 800*1280*1580mm
 Power supply source: single-phase, 220V±10%, 50Hz (can be appointed)
 Gross Weight: 230kg

Standard Features

Model	HD-E702-100
Internal dimension(W*D*H)	400*500*500mm
External dimension(W*D*H)	600*1080*1380mm
Temperature range	-40~+150°C
Temperature fluctuation	±0.5°C
Temperature uniformity	2°C
Humidity range	20~98%RH (Refer Image below)
Humidity fluctuation	±2.5%RH
Humidity uniformity	3%RH
Cooling speed	1°C/min in average (without loading)
Heating speed	3°C/min in average (without loading)
Internal chamber material	SUS#304 stainless steel, mirror finished
External chamber material	Stainless steel
Cooling method	Air cooling
Controller	LCD touch screen, programmable control temperature and humidity Can set different parameter for cyclic test
Insulation material	50mm 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 and wet bulb sensor
Observation window	Tempered glass
Testing hole	Diameter 50mm, for cable routing
Sample tray	SUS#304 stainless steel, 2pcs
Safety protection device	Protection for leakage Over-temperature Compressor overvoltage and overload Heater short circuit Water shortage

Applications

1. To simulate test environment with different temperature and humidity
2. Cyclic test includes climatic conditions: holding test, cooling-off test, heating-up test, moistening test and drying test...
3. Cable port with flexible silicone plug for cable routing to provide the condition of test unit under operation
4. Uncover test unit weakness in a short-term test with accelerated time effect

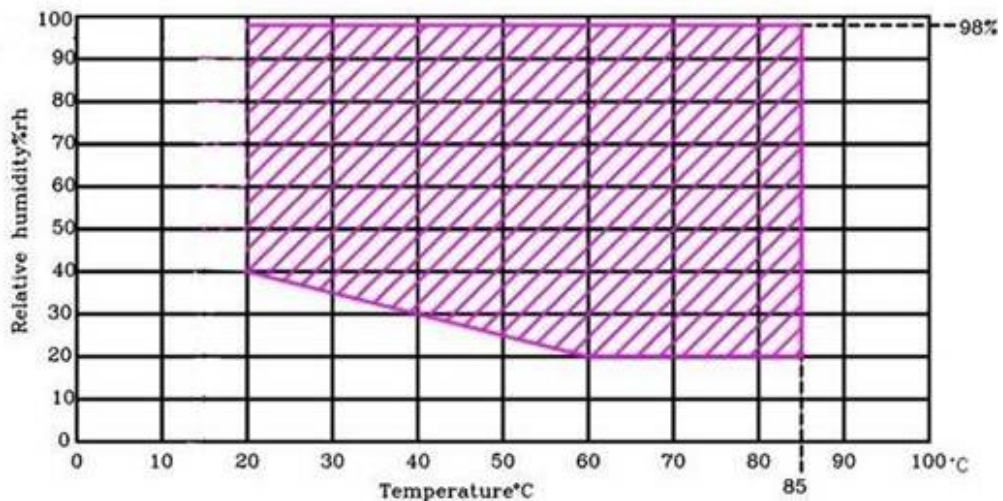
Chamber Design Features

1. High performance and quiet operation (68 dBA)
2. Space-saving designed for flush installation to wall
3. Full thermal break around doorframe
4. One 50mm diameter cable port on left, with flexible silicone plug
5. Accurate wet/dry-bulb humidity measurement system for easy maintain

Programmable Controller

1. PLC controller for test chamber
2. Step types include: ramp, soak, jump, auto-start, and end
3. RS-232 interface to connect computer for output

HUMIDITY RANGE



20 to 98%RH per hour (no live load)

PLC OPERATION



INTERNAL CHAMBER

