

**SALES DEPT#:** Accelerated Environmental Series  
**Quote#:** HQ201404025  
**REVISION#:** 3

**DATE**  
 01-June-2017  
**OFFER VALIDITY**  
 30 Days

**To:**

**Sawyer Mak**  
**ABC Ltd**

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

Model	Description	QTY	Unit Price (USD)	Total Price (USD)
HD-E801-4	UV Aging Test Chamber (Include 8pcs UVB lamps)	1 set		
	Irradiance Meter (Irradiance range: 0.45~0.95W/m <sup>2</sup> )	1 set		
FOB Shenzhen cost				
Total Price				

**Optional Accessories**

UVA-340 lamps .....\$  
 Irradiance meter .....\$

**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:**

FOB Shenzhen, China

**Lead time:**

Shipment for the above equipments is 25 working days upon receipt of down payment.

**Payment term:**

50 % Advance and 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 includes shipment.

## EQUIPMENT DETAILS



Q-test PLC controller



Irradiance meter

## GENERAL SPECIFICATIONS

Packaging Dimensions: (WxDxH) 1490\*620\*1620mm  
 Power supply source: single-phase, 220V±10%, 50Hz (can be appointed)  
 Gross Weight: 180kg  
 HS Code: 8479899990

## STANDARD FEATURES

Item	Specification
Internal dimension (W*D*H)	1140*650*500mm
External dimension (W*D*H)	1340*700*1800mm
Chamber material	SUS#304 stainless steel
Temperature range	RT to 70°C
Temperature fluctuation	≤ ±1.0°C
Temperature uniformity	3°C
Humidity range:	≥75%RH
Controller	Programmable controller, LCD touch screen
Control mode	Balance temperature humidity control (BTHC)
Test cycle setting	Exposure, condensation and water spray test cycle is programmable
Water spray cycle	Spray 18mins in every 120mins / spray 12mins in every 60mins
Water usage	8L/day
Distance from sample to lamp	55±2mm
Centre distance between lamps	65~70mm
Irradiance range	0.45~0.95W/m <sup>2</sup>
UV lamps	Imported Atlas UV-B: 280-315nm (8pcs, 1600h lifetime)
Lamp power	40W/Piece
Specimen Size	Irregular sample
Testing time	0~999H, adjustable
Protection system	Overload short circuit protection Over temperature protection Water lacking protection Earth leakage protection Auto shut off protection

## APPLICATIONS

1. Simulate the sun, rain spray and condensation resulting damage to test the materials by exposure to sunlight with moisture and temperature.
2. To get the results of damage after several days or weeks which is equal to expose to outside for a few months. The damages include fading, discoloration, brightness down, powder, crack, blur, brittle, strength decreases and oxidation.
3. Provide reference with testing data for improvement of existing materials, or to assess the impact of changes in product durability and other aspects.

## TEST CRITERIA

ISO 4892-3

ASTM G154

## EQUIPMENT IMAGE



**Sample tray**



**Atlas UV lamps**