

**SALES DEPT#:** Textile and leather test  
**Quote#:**  
**REVISION#:** 1

**DATE**  
8th of Apr. 2017  
**OFFER VALIDITY**  
30 Days

**To:**  
**Attn:**  
**Email:**  
**Phone:**

**From: Haida International Equipment**  
**Attn: Ms. Carrie**  
**Email: [carrie@qc-test.cn](mailto:carrie@qc-test.cn)**  
**Phone: +86 15920257025**

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

Model	Description	QTY	Unit Price (USD)
HD-W128-2	Random tumble pilling tester	1 set	
PLY Wooden Package Cost			
<b>Total Price</b>			

#### Optional order

- Cork Liner (Pack of 50)
- Cotton Sliver (pack)
- Photographic Standards (Set of 5)

#### Shipment:

EXW

#### Delivery Terms:

Shipment for the above Equipment is 15 days after mutually agreed terms and conditions of your order

#### Payment:

100 % advance payment

#### 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 OF RANDOM TUMBLE PILLING TESTER



### APPLICATION

Random Tumble Pilling Tester, provides a random tumble environment, to test the pilling and fuzzing performance of textile fabrics.

Random Tumble Pilling Tester uses stainless steel impellers that rotate within individually lit aluminum chambers constantly tumbling test fabrics against cork liners for a pre-determined time controlled by a timer and audible alarm.

Compressed air is also injected into the chamber to assist in the tumbling action. With 2 or 4 pilling test chambers. Laboratory standard compressed air supply is required.

### TEST STANDARDS

ASTM D3512 Standard Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Random Tumble Pilling Tester

ISO 12945-3 Textiles- Determination of the fabric propensity to surface pilling, fuzzing or matting

Part 3: Random tumble pilling method

JIS L 1076 Testing methods for pilling of woven fabrics and knitted fabrics

DIN 53867 Testing of textile fabrics; determination of pilling with the Random-Tumble-Pilling-Tester

### FEATURES

1. Vertical instrument with 2 or 4 chambers.
2. Compact, rigid construction, with small footprint.
3. Simple-to-use control system.
4. Chambers illuminated, utilising long-life LED technology.
5. Interlocked chamber doors for maximum operator safety.
6. Adjustable air pressure.
7. Audible alarm signals end of test.
8. Equipped as standard with an American (ASTM D 3512) impeller - other impellers to special order.

## TECHNICAL PARAMETER

Number of Chambers	2 Nos.
Size of chamber	146mm (inside diameter) x 152mm (length)
Length of impeller	121mm
Number of samples	12 (3 in each compartment)
Impeller rotation speed	1200 ± 10 rpm
Timer	up to 99 min and 59 s
Compressed air injection	14kPa - 21kPa (2 - 3 Psi)
Cork sheet	1.5mm (thickness) x 148mm (width) x 452mm (length)
Chloroprene sheet (optional)	3mm (thickness) x 452mm (length), 47±3° (in hardness)
Dimensions	550 x 380 x 550 mm
Power supply	220V, 50Hz or 110V, 60Hz
Weight	65kg

## Company Introduction:

HAIDA INTERNATIONAL is a professional manufacturer of various kinds of testing equipments over 15 years. HAIDA products are widely used in footwear, leather product, textile, paper products, packaging, ink printing, adhesive tapes, bags, environment, toys, baby products, hardware, electronic products, plastic products, rubber products and other industries, and applicable to all scientific research units, quality inspection institutions and academic fields.

## See what company you will work with?

1. **Largest** TESTING EQUIPMENT manufacturer in China, **One of Second Largest** TESTING EQUIPMENT manufacturer around the world.
2. **Professional Manufacturer** of various kinds of testing equipments over **10 years**, defect rate is controlled under **0.02%**.
3. **Completely** Production Line. From Raw Material to Delivery, **all links** are under our control. The **quality** can be assured.
4. **ISO 9001:2008** Quality Management System Certificate.
5. **OEM/ODM** Service. Just tell us your idea! Our R&D Team is standing by...
6. Our Marketing Investigation Department will send **Marketing Research Report** to you each season.
7. We are trusted by SCS, INTERTEK, HST, COFCO, ESC, KBMC, LENOVO, PANASONIC, EMC, etc.
8. We accept **100%** inspection.
9. Guarantee Period: **365** days, **After Sales Service** Department provides professional service with you, any questions, just contact us.

## Partner:

