



YUYANG INDUSTRIAL CO., LIMITED

China Manufacturer of Fire Testing Equipment

ASTM D3574 Computer Servo Control Foam Indentation Force Deflection Tester

Resolution 1/1000





- **Product Details:**

- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **GB/T10807-89ISO 2439-1980 JISK6401 ASTM D3574 Test B-IFD Test**
- Model Number: **YYJ-021**

- **Payment & Shipping Terms:**

- Minimum Order Quantity: **1 set**
- Price: **Negotiation**
- Packaging Details: **Wood case**
- Delivery Time: **5-8 work days**
- Payment Terms: **T/T L/C Western Union**
- Supply Ability: **10 PCS/Month**

- Share to :

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I. Purpose:

Use to test the indentation hardness for elastic foaming material, such as compounded foam, PU foam.

II. Theory:

computer software control, first press 75% of the sample thickness, release and then press 25% for 20 seconds. Load cell force sensor will automatically record and show its force. That would be the hardness of the foam. Also 40%, 65% is programmable.

Standards:

GB/T10807-89, ISO 2439-1980, JISK6401, ASTM D3574 Test B-IFD Test

ITI. Features:

- Adjust speed: adjust speed test according to different specimen.
- Indicating value verify: system enables display the accurate calibration of force
- Control method: select the test force, test speed, displacement, strain etc. test method.
- Curve ergodic: after the test, you can find out any curve point value and transformative data and analyse it.
- Display: dynamic display of the data and curve test process
- Result: The test result can be accessed. analyse the data curve.
- Limit: cell-type and machinery limit.
- Overload: automatic shutdown when exceed the rated value..

IV. Technical parameters:

Automatic stop, stroke top and bottom limitation

Sensing method: Force sensor automatic display

Load Cell Capacity: 300Kg

Motor: servo motor control system

Unit switch: Kg,N,Lb

Resolution: 1/1000

Accuracy: 0.5 ($\pm 0.5\%$)

Testing stroke: 200mm

Test speed: 100 $\pm$ 20mm/min

Size of upper compressing plate: diameter 203mm,

Bottom Border-radius: R1mm

Lower platform: 420mmx420mm,

Air hole diameter: 6.5mm,

Hole center gap: 20mm

Specimen size : length 400mm, thickness 100mm

Volume (WxDxH) 70x42x70cm

Weight: approx 70kg

Power: 1 ϕ AC220V 2.6A

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