

# FANYUAN INSTRUMENT (HF) CO., LTD. DOWELL SCIENCE AND TECHNOLOGY (HK) CO., LTD.

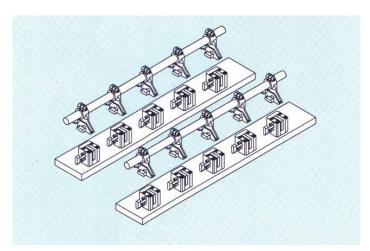
ADD: Tianyuan Road 9#, High-tech Zone, Hefei City, China Postal Code: 230088

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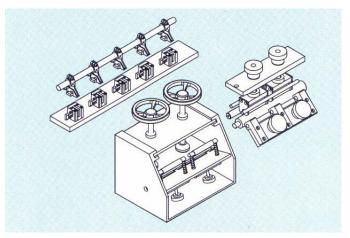
Website: http://www.fyichina.com.cn

# DW9520 FREEZING LEATHER FLEXING TESTER









Leather & shoe clamp



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## MODEL NO.

#### DW9520 (the former model HY-769L)

#### **Application:**

Specially designed to test the behavior of various materials in a cold environment to ensure the suitability for use in cold climate. Based the testing demand, adjust the beater and flexing grip, then load to the desire position. It can be used to test rubber, leather, plastic, PU leather, etc. Installation of bending test, flexing test and impact test are available.

## **Related Standards:**

STANDARDS	ASTM D1790,1593,1052	JIS K6545	ISO 20344	CNS 7705
SIMULINDS	1131W1 D1770,1373,1032	J10 110575	100 20377	C115 / / 05

Note: this tester can conform to but not limit to all the standards above, for more standards conformance, please contact us.

#### **Features:**

- SUS#304 Stainless steel of inner and outside of chamber;
- Bally flexing clamp is configuration, shoe flexing clamp also can be added in chamber;
- Other clamp can be customized;
- Easy installation and use;
- Adopt double layer high expansionary seal between door and chamber body to ensure enclosed of testing area;
- Use whole sealing compressor (Tecumseh, France), cascade refrigeration cooling method;
- Thermal isolation material is made from high density glass fiber cotton;
- Adopts environment protection refrigerant.

#### **Key Specification:**

<ul><li>Angle of flexing</li></ul>	22.5°
• Speed	100±5 cpm
• Test sheet	70×45mm
<ul> <li>Working position</li> </ul>	12 (bally flexing)
• Controller box	RCK(Japan) PID
Temperature range	RT~ -30C°
Temperature accuracy	$\pm 0.3~\mathrm{C}^{\circ}$



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• Counter LCD 0~999,999

• Cooling rate  $RT \sim -30C^{\circ}$  with 60 min

• Power consumption 4-6KW

Power supply
 AC220V 50HZ or AC 380V 50HZ

• Working chamber size  $600 \text{mm} \times 600 \text{mm} \times 550 \text{mm} (L \times W \times H)$ 

• Dimensions  $1100 \text{mm} \times 1050 \text{mm} \times 1600 \text{mm} (L \times W \times H)$ 

• Weight 420kg

### **Standard configuration:**

No.	Item	Quantity
1	Main machine	1 set
2	12 position bally feather flexing clamp	1 set

### **Optional Accessories:**

No.	Item		
1	5 position bally feather flexing clamp (22.5° 100cpm)		
2	2 position shoe bending clamp (30~90° 100cpm)		
3	2 position sloe flexing clamp (90° 100cpm)		