



WWW.FYICHINA.COM.CN

FANYUAN INSTRUMENT (HF) CO., LTD.  
DOWELL SCIENCE & TECHNOLOGY (HK) CO., LTD.  
ADD: ROOM 1405#, TIANYI INTERNATIONAL BUILDING, NO.19  
TIANBO ROAD, HI-TECH DISTRICT, HEFEI, CHINA  
POSTAL CODE: 230088  
TEL: +86-551-68105003  
FAX: +86-551-65232507  
EMAIL: SALES@HKDOWELL.COM

## DW1290 CREEP TESTER FOR GEOSYNTHETICS

### MECHANICAL TYPE:

**DW1290MVT-3:**

**(With temperature control function)**



**Main machine**



**Electrical cabinet**

### ELECTRONIC TYPE:

**DW1290DH-1:**

**(Standard type)**





WWW.FYICHINA.COM.CN

FANYUAN INSTRUMENT (HF) CO., LTD.  
DOWELL SCIENCE & TECHNOLOGY (HK) CO., LTD.  
ADD: ROOM 1405#, TIANYI INTERNATIONAL BUILDING, NO.19  
TIANBO ROAD, HI-TECH DISTRICT, HEFEI, CHINA  
POSTAL CODE: 230088  
TEL: +86-551-68105003  
FAX: +86-551-65232507  
EMAIL: SALES@HKDOWELL.COM

**DW1290DHT-1:  
(With temperature control function)**



**DW1290DHT-1 Working chamber:**





WWW.FYICHINA.COM.CN

FANYUAN INSTRUMENT (HF) CO., LTD.  
DOWELL SCIENCE & TECHNOLOGY (HK) CO., LTD.  
ADD: ROOM 1405#, TIANYI INTERNATIONAL BUILDING, NO.19  
TIANBO ROAD, HI-TECH DISTRICT, HEFEI, CHINA  
POSTAL CODE: 230088  
TEL: +86-551-68105003  
FAX: +86-551-65232507  
EMAIL: SALES@HKDOWELL.COM

**DW1290DHP-1:**  
(With normal stress control function)



**DW1290DSP-1:**  
(Sloping, with normal stress & stress relaxation combination function)



## MODEL NO.:

DW1290

## APPLICATION:

**DW1290 Creep Tester for Geosynthetics** is used to determine the tensile creep properties of geotextiles and geotextile-related products.

## RELATED STANDARDS:

STANDARDS	ISO 13431	ASTM D5262	GB/T 17637
-----------	-----------	------------	------------

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

## FEATURES:

- Compact structure, nice appearance, stable performance, easy maintenance;
- Electronic or mechanical loading system, stable and accurate sample creep loading;
- Microcomputer control, LCD display, simple and convenient;



*The display of DW1290MVT-3*

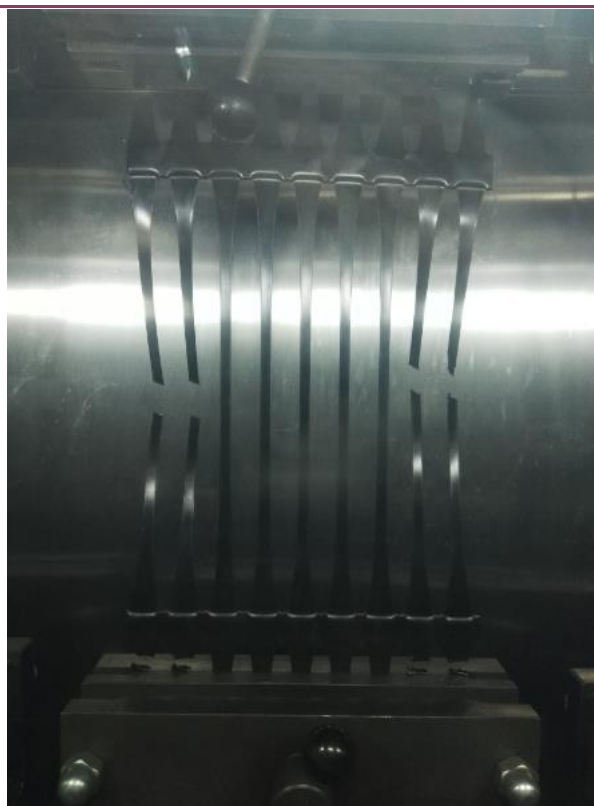
- Equipped with professional clamp, effectively prevent slippage and damage of samples during the test process; sample loading is labor-saving, convenient and reliable;





WWW.FYICHINA.COM.CN

FANYUAN INSTRUMENT (HF) CO., LTD.  
DOWELL SCIENCE & TECHNOLOGY (HK) CO., LTD.  
ADD: ROOM 1405#, TIANYI INTERNATIONAL BUILDING, NO.19  
TIANBO ROAD, HI-TECH DISTRICT, HEFEI, CHINA  
POSTAL CODE: 230088  
TEL: +86-551-68105003  
FAX: +86-551-65232507  
EMAIL: SALES@HKDOWELL.COM



### *The clamp of DW1290MVT-3*

- High-speed data acquisition and signal transmission system, real-time data collection, and transmission signals, it is accurate and reliable;
- Equipped with high precision sensor, high sensitivity and good reproducibility, further reduce the test errors;
- Working position no. can be customized, more samples can be tested simultaneously, full of high efficiency and energy saving;
- Easy to install, easy to operate, long service life;
- Equipped with Uninterruptible Power Supply (UPS), provide max. 24 hours power supply after power interruption; (*Optional*)
- High precision temperature control system, good accuracy and uniformity; (*Optional*)



WWW.FYICHINA.COM.CN

FANYUAN INSTRUMENT (HF) CO., LTD.  
DOWELL SCIENCE & TECHNOLOGY (HK) CO., LTD.  
ADD: ROOM 1405#, TIANYI INTERNATIONAL BUILDING, NO.19  
TIANBO ROAD, HI-TECH DISTRICT, HEFEI, CHINA  
POSTAL CODE: 230088  
TEL: +86-551-68105003  
FAX: +86-551-65232507  
EMAIL: SALES@HKDOWELL.COM



*The chamber temperature display of DW1290MVT-3*

- The pneumatic normal stress loading system with large diameter air cylinder, which is convenient and reliable; *(Optional)*
- Additional measuring device to measure the deformation between the two points of the specimen during the creep test under the normal stress loading; *(Optional)*
- All-in-one machine with constant load creep and stress relaxation function, normal stress can simulate shear forces from different angles; *(Optional)*



*Shear box of DW1290DHP-2*



WWW.FYICHINA.COM.CN

FANYUAN INSTRUMENT (HF) CO., LTD.  
DOWELL SCIENCE & TECHNOLOGY (HK) CO., LTD.  
ADD: ROOM 1405#, TIANYI INTERNATIONAL BUILDING, NO.19  
TIANBO ROAD, HI-TECH DISTRICT, HEFEI, CHINA  
POSTAL CODE: 230088  
TEL: +86-551-68105003  
FAX: +86-551-65232507  
EMAIL: SALES@HKDOWELL.COM

### KEY SPECIFICATION:

Model	DW1290DH	DW1290MV
● Tester type	Horizontal	Vertical
● Loading mode	Electronic	Mechanical
● Capacity	0~50KN	0~20KN
● Load resolution	0.01KN	0.001KN
● Load accuracy	±1%FS	±1%FS
● Working position no.	1	3 (can be customized)
● Max. effective displacement	900mm	600mm
● Displacement accuracy	0.03mm	0.02mm
● Speed	0.3~50mm/min	
● Tempt (Optional)	RT~70°C (can be customized)	
● Tempt fluctuation (Optional)	1°C	
● Tempt uniformity (Optional)	±2°C	

### STANDARD CONFIGURATION:

No.	Item	Quantity
1.	Main machine	1 set
2.	Accessories	1 set