

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

TEL: +86-551-65232508 FAX: +86-551-65232507

Email: sales@hkdowell.com Website: http://www.fyichina.com.cn

DW1441 ENVIRONMENTAL STRESS CRACK RESISTANCE TEST APPARATUS FOR GEOMEMBRANE





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

TEL: +86-551-65232508 FAX: +86-551-65232507 Email: sales@hkdowell.com

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

Model No.

DW1441

Application:

DW1441 Environmental Stress Crack Resistance Test Apparatus for Geomembrane is used to evaluate the stress crack resistance of polyolefin geomembranes by notched constant tensile load test. It is mainly applicable to the geomembranes used on the landfill site. Dumbbell shaped notched test specimens from a polyolefin sheet are subjected to a constant tensile load in the present of a surface-active agent and at an elevated temperature. The time to failure of test specimens is recorded and the results of a series of such tests conducted at different stress levels are presented by plotting stress level against failure time for each stress level on a log-log axis.

Related Standards:

STANDARDS	ASTM D5397	CJ/T 234 附 C

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

Key Specification:

•	Max. load of each leverage	≤5kg
•	Leverage ratio	1:3
•	Thickness range of geomembranes to measure	0.75~3mm
•	Number of working position	30, can be customized
•	Temperature range	Room temperature~ 70° C
•	Temperature control mode	PID automatic control
•	Temperature accuracy	±1℃
•	Time accuracy	1s
•	Display mode	Touch panel
•	Inner dimensions of chamber	1200×150×300mm (L×W×H)

Standard configuration:

No.	Item	Quantity
-----	------	----------



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

TEL: +86-551-65232508 FAX: +86-551-65232507

Email: sales@hkdowell.com Website: http://www.fyichina.com.cn

1	Main machine	1 set

Optional Accessories:

No.	Item
1	