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## DW1440 ENVIRONMENTAL STRESS-CRACKING RESISTANCE TEST APPARATUS



Constant-temperature bath



Notch jig



Bending clamp



Transfer tongs



Sample holders and test tube



**MODEL NO.:**

**DW1440**



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## APPLICATION:

**DW1440 Environmental Stress-Cracking Resistance Test Apparatus**, simplified as ESCR, is used to determine the susceptibility of ethylene plastics to environmental stress-cracking under specified conditions of temperature, stress and surface-active agent. It consists of a constant-temperature bath, notch jig for making imperfection, bending clamp, transfer tongs and specimen holders.

## RELATED STANDARDS:

STANDARDS

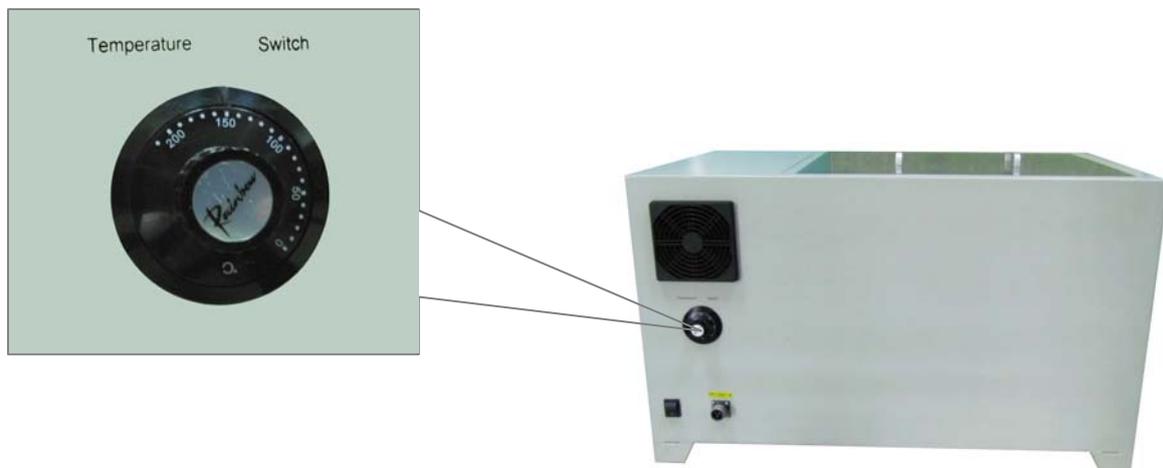
GB/T 1842-1999

ASTM D1693-2008

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

## FEATURE:

- It adopts innovative structure as well as conforms to the technical requirements of the prototype device in standards;
- Constant-temperature bath can maintain the temperature steadily and precisely;
- Temperature switch is designed to protect the temperature, when the temperature exceeds the set temperature, the switch will automatically disconnect the power supply.





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### **KEY SPECIFICATION:**

- Volume of constant-temperature bath 50L
- Temperature 50°C±0.5°C (water as heat conduction medium)  
100°C±0.5°C (oil as heat conduction medium)
- Specimen size 38×13mm
- Notch length 19±0.1mm
- Max. notch depth 3.5mm
- Power supply AC220V 50Hz, single-phase
- Environmental temperature 10°C~35°C
- Net weight 80kg
- Gross weight 114kg
- Package volume 0.62cbm

### **STANDARD CONFIGURATION:**

No.	Item	Quantity
1.	Constant-temperature bath	1 set
2.	Notch jig	1 pc
3.	Bending clamp	1 pc
4.	Transfer tongs	1 pc
5.	Sample holders	3 pcs
6.	Test tubes	3 pcs
7.	Cutting die	1 pc

### **OPTIONAL ACCESSORIES:**

No.	Item
1.	DW1111 Pneumatic sample cutter