

# Evaluation of Polymer Durability

**DJK provides durability test of polymer materials.**

## <DJK Characteristics>

- ① From preparation of the test specimen to testing, we offer One-Stop service.
- ② Enhancement of chemical resistance, heat aging test and creep test functions.
- ③ We will respond to customer needs and propose appropriate methods.

## <Function of DJK>

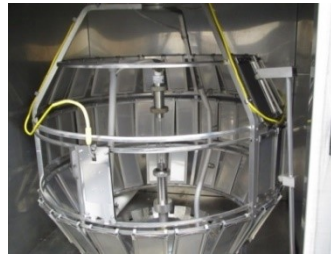
- ① Chemical resistance : Immersion in various chemical solutions, such as acids, alkalis, fuel oils, and oils
- ② Heat aging : Exposure to air in gear ovens and circulating ovens
- ③ Accelerated weathering : Super Xenon, Xenon Weather and Sunshine Weather Meter
- ④ Resistance to moist heat : Wet heat acceleration, cold & heat shock, and heat cycle
- ⑤ Stress crack resistance : Variable strain (1/4 ellipsoid method) and constant strain (vent strip method)
- ⑥ Creep characteristic : Creep and stress relaxation
- ⑦ Fatigue property : Tensile fatigue and bent fatigue



High accelerated  
stress tester



Rubbing fastness tester



Xenon weather meter



Fatigue property tester



Cryogenic shock tester



Creep tester



Super Xenon weather meter



Plane bending fatigue tester