

Abrasive Wear Test System – ABW180

◆ General Information

The **ABW180** system evaluates the wheel abrasive wear characteristics of various materials such as metal, ceramic, plastic, fabric, rubber, and paper.

It fixes the test specimen to a rotating plate and an abrasive wheel, which is the counter-material, then contacts the specimen for specified time to measure the amount of abrasion.

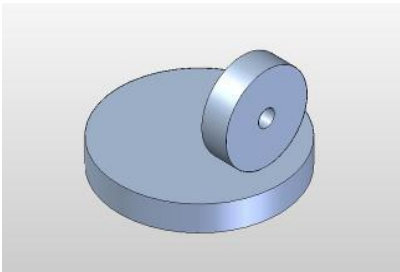


◆ Control Parameters

- Load (250, 500, 1,000gf)
- Test Time (sec)
- Test Cycle
- Abrasive Wheel Grit

◆ Accessories

- Abrasive Wheel Dressing Kit: Diamond Dresser
- Vacuum Aspiration System
- Abrasive Wheel Set
- Precision Balancer (0.1 mg)



◆ Specifications

Load Range	250 g, 500 g, 1,000 g
Speed	70 rpm
Electricity	AC 220V, Single Phase
System Weight	≈ 15kg
Dry and Wet Conditions	
Metal, Rubber, Plastic, Ceramic, Fabric, Paper, Film, Electronic Materials, etc.	
Friction Force / Friction Coefficient	

◆ Test Modes

- Evaluates wheel abrasive wear characteristics according to ASTM, ISO, JIS, NFG, UNE standards.
- User-friendly electronic touch pad

