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)

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

◆ Specifications

<table>
<thead>
<tr>
<th></th>
<th>Load Range</th>
<th>Speed</th>
<th>Electricity</th>
<th>System Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>250 g, 500 g, 1,000 g</td>
<td>70 rpm</td>
<td>AC 220V, Single Phase</td>
<td>≈ 15kg</td>
</tr>
</tbody>
</table>

Dry and Wet Conditions
Metal, Rubber, Plastic, Ceramic, Fabric, Paper, Film, Electronic Materials, etc.

Friction Force / Friction Coefficient

+1-416-423-5590 | info@lprglobal.com | www.lprglobal.com | www.uskoreahotlink.com