

## DATA SHEET

# Semi-Circular Bend (SCB Test) for UTM, AsphaltQube, AMPT Pro and AMPTQube



Semi-Circular Bend (SCB Test) Kit to ASTM D8044

## General description

To perform Semi-Circular Bend (SCB) tests.

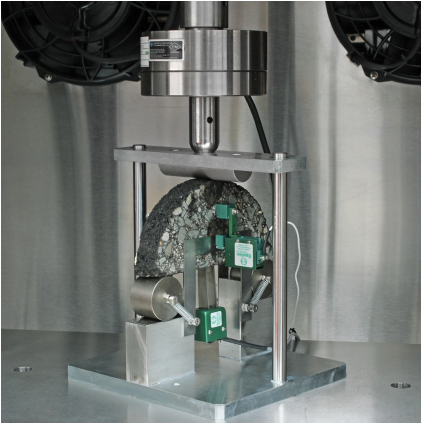
## Main features

- Precision engineered
- Easily extends the capability of your UTM, AMPT Pro, AMPTQube and AsphaltQube
- Designed specifically for asphalt specimen sizes of 150 mm diameter
- Self-aligning top platen for SCB
- Constructed using high quality materials for long life and test accuracy
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- AASHTO TP124 Semi-Circular Bend Kit is precision engineered to accurately determine the fracture energy and post peak slope of asphalt mixtures using semi-circular specimens in the Flexibility Index Test (FIT) conducted at an intermediate test temperature.
- ASTM D8044 Semi-Circular Bend Kit is precision engineered to accurately determine the cracking resistance at Long Term Pavement Performance (LTPP) database intermediate temperatures using semi-circular bend asphalt mix samples tested monotonically.
- AASHTO TP105 is precision engineered to accurately determine the fracture energy of asphalt mixtures using the semi-circular bend geometry (SCB).
- EN 12697-44 Kit is precision engineered to accurately determine crack propagation by semi-circular bending test.

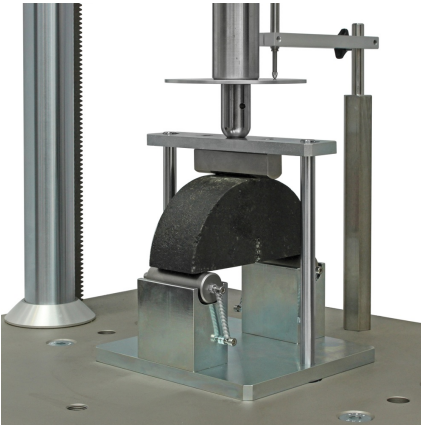
## Standards

- EN 12697-30
- ASTM D8044
- AASHTO TP124
- AASHTO T393

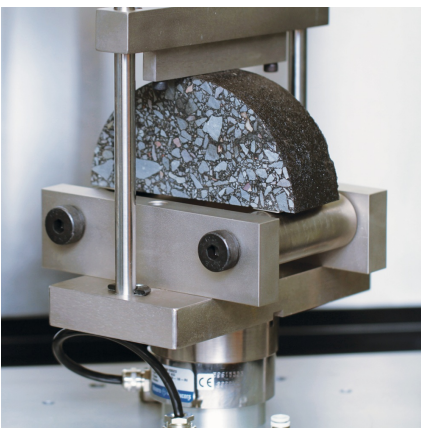
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Semi-Circular Bend (SCB Test) Kit to AASHTO TP105



Semi-Circular Bend (SCB Test) Kit to AASHTO TP124



Semi-Circular Bend (SCB Test) Kit to EN 12697-44

## Products

**79-PV70130**

Semi-Circular Bend Test Jig for EN12697-44

**79-PV70136**

Semi-Circular Bend Upgrade option for AASHTO TP105

**79-PV70156**

## DATA SHEET

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Semi-Circular Bend (SCB) Jig Upgrade Kit Option for ASTM D8044 / AASHTO TP124 Method B

**79-PV70157**

Semi-Circular Bend (SCB) Jig Upgrade Kit Option for AASHTO TP124 Method A