

# Disk-Shaped Compact Tension Test Kit

Accessories

ADVANCED PAVEMENTS TESTING SYSTEMS



IPC Global's Disk-Shaped Compact Tension Test Kit has been designed and engineered to meet the requirements of ASTM D7313 and enhance the capabilities of the Universal Testing Machine (UTM).

The Disk-Shaped Compact Tension Test is used to obtain the fracture energy of 150mm diameter asphalt specimens under dynamic tension/tension loading.

Easy to set-up, the Disk-Shaped Compact Tension Test Kit will perfectly complement your IPC Global testing system.

## Specifications

### Features

- Increases the functionality of Universal Testing Machines
- Precision engineered using high quality materials
- Designed for easy, one person test set-up
- 150mm disk shaped specimens
- Easily interchange specimens

### Test Standards

- ASTM D7313 – Fracture Energy of Asphalt-Aggregate Mixtures Using the Disk-Shaped Compact Tension Geometry

### Dimensions and Weight

**Size** 419 x 139 x 38mm  
(HxWxD)

**Weight** 9kg

### Ordering Information

79-PV70602 – Disk Shaped Compact Tension Jig

79-PV70603 – Epsilon Clip-On Extensometer

79-PV70138 – Knife Edges

79-UTS0034 – Fracture Energy Test

Additional accessories may be required to create a working testing system. Please contact us for advice.

## Testing Made Easy

The **Disk-Shaped Compact Tension Test Kit** has been specially designed for analysis of 150mm diameter specimens cut from field cores or gyratory-compacted cylinders produced in a laboratory. The test method is generally valid for specimens that are tested at temperatures of 10°C or below.

The specimen geometry allows for forensic investigations using field cores of pavements where thin lifts are present.

IPC Global's superior UTS software is known for its simplicity in use, clarity of results and analytical power. UTS Software allows for real time graphing of results and configurable real time transducer levels screen, as well as customisable test templates to streamline the testing process.



Disk-Shaped Compaction Tension Test Kit

## Superior Performance



IPC Global offers a wide variety of accessories to extend the range of their advanced testing machines. The range includes fixtures for performing

a variety of tests to local and international standards, displacement transducers and specimen preparation equipment.

IPC Global's accessories are constructed of high quality robust materials thus ensuring superior performance and appearance for years to come.

## ► IPC Global Customer Care

**At IPC Global we are proud of our products.**

We are dedicated to supplying high quality, accurate, affordable, easy-to-use systems for Advanced Testing of asphalt, binders and other pavement materials. As a valued customer of IPC Global you will receive continuous, expert support and advice for your instrument. Furthermore, we offer full installation and training in the correct operation of your IPC Global equipment. For support from our expert Customer Care Team, contact your local IPC Global-Controls office/distributor or email [ipcglobalsupport@controls-group.com](mailto:ipcglobalsupport@controls-group.com).

Visit our website for more information [www.controls-group.com/ipcglobal](http://www.controls-group.com/ipcglobal).



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