

# Trapezoidal Two Point Bend Jig

## Accessories

### ADVANCED PAVEMENTS TESTING SYSTEMS



IPC Global's Trapezoidal Two Point Bend Jig has been precision engineered and enhances the capability of IPC Global's Universal Testing Machines (UTMs), AsphaltQube and Asphalt Standards Tester.

Manufactured from high strength, light weight aluminum, the Trapezoidal Two Point Bend Jig exceeds the requirements of EN 12697-24A Fatigue and EN 12697-26A Stiffness on asphalt trapezoidal specimens.

Designed and engineered with interchangeable specimen platens IPC Global's Trapezoidal Two Point Bend Jig allows for quick test set-up and change over of test specimen.

The Trapezoidal Two Point Bend Jig is the perfect accessory to complement your IPC Global testing system.

## Specifications

### Features

- Increases the functionality of UTMs, AsphaltQube or Asphalt Standards Testers
- Engineered from high strength aluminum for high stiffness and light weight performance
- On-specimen precision LVDT displacement transducer for strain measurements
- High precision +/-2.5kN load cell included for improved clarity and accuracy in your results
- 25mm and 50mm specimen tips available for different trapezoidal specimen sizes
- Designed for easy test set-up
- Easily interchange specimens.

### Test Standards

- EN 12697-24A – Fatigue
- EN 12697-26A – Stiffness

### Dimensions and Weight

- Heater Dimensions 225 x 140 x 425mm (H x W x D)
- Weight 12kg

### Ordering Information

- 79-PV70200 – Trapezoidal Two Point Bending Jig for UTM Systems
- 79-PV72201 – Trapezoidal Two Point Bending Jig for AsphaltQube and Asphalt Standards Tester
- 79-PV70206 – On Specimen LVDT (+/-0.5mm) UTM
- 79-PV72103 – On Specimen LVDT (+/-0.5mm) AST Pro/AsphaltQube
- 79-PV70201 – 25mm Specimen Tip Platen for 2 Point Bend
- 79-PV70202 – 50mm Specimen Tip Platen for 2 Point Bend
- 79-PV70203 – Specimen Base Platen for 2 Point Bend
- 79-PV70204 – Trapezoidal Two Point Bending Aluminium Reference beam
- 79-PV70205 – Two-Point Bend Gluing Jig – Double Specimen Gluing Jig
- UTS0031-UTS031 – Two Point Bend Test for Trapezoidal Prism

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

## Testing Made Easy

**IPC Global's Trapezoidal Two Point Bending Jig characterizes the behavior of asphalt mixtures under fatigue loading.**

**It has been designed to test specimens with an aggregate size of up to 20mm on specimens prepared in a laboratory or specimens with a thickness of at least 40mm when obtained from road layers.**

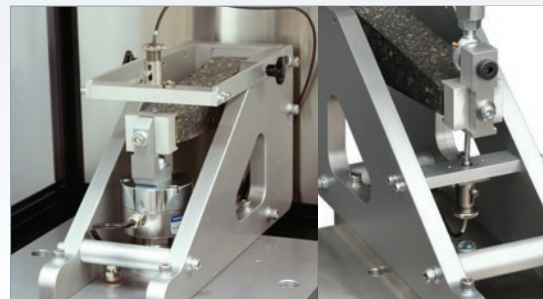
Designed and engineered to IPC Global's world renowned quality and performance standards, the Trapezoidal Two Point Bending Jig features a precision +/-2.5kN load cell providing accuracy and clarity in your test results.

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

## 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.



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## ► 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).

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