

Indirect Tensile Jig and Upgrade Kits

Accessories

ADVANCED PAVEMENTS TESTING SYSTEMS



Test set-up for EN 12697-26C, AASHTO TP31, AS 2891.13.1, ASTM D4123 & BS DD213

The Indirect Tensile Jig and Upgrade Kits are designed to meet the requirements of a range of testing standards.

Versatile and easy to set-up, the Indirect Tensile Jig is the perfect accessory to complement your IPC Global Servo-Hydraulic, Servo-Pneumatic Universal Testing System, AsphaltQube or Asphalt Standards Tester.

IPC Global's IDT jig can be upgraded with an optional upgrade kit which allows for Semi-Circular Bend Testing to EN-12697-44 standard.

Specifications

Features:

- Precision engineered
- Easy to set-up and use
- Easily extends the capability of your UTM Testing System or the Asphalt Standards Tester
- Integrated LVDT holders
- Adaptable to 100mm and 150mm specimen sizes
- Constructed using high quality materials.

Test Standards

- AASHTO T322/TP9
- AASHTO TP31
- ASTM D4123
- ASTM D7369
- AS 2891.13.1
- BS DD213
- BS DD ABF
- EN 12697-24E
- EN 12697-26C
- EN 12697-44
- NCHRP 1-28A

Dimensions and Weight

| | |
|---------------|---------------------------|
| Size | 275 x 200 x 285mm (HxWxD) |
| Weight | 9kg |

Indirect Tensile Jig and Upgrade Kits

AASHTO T322/TP9

Standard Test Method for Determining the Creep Compliance and Strength of Hot Mix Asphalt

AASHTO TP31

Standard Test Method for Determining the Resilient Modulus of Bituminous Mixtures by Indirect Tension

ASTM D4123

Standard Test Method for Indirect Tension Test for Resilient Modulus of Bituminous Mixtures (Withdrawn 2003)

ASTM D7369

Standard Test Method for Determining the Resilient Modulus of Bituminous Mixtures by Indirect Tension Test

AS 2891.13.1

Determination of the Resilient Modulus of Asphalt – Indirect Tensile Method



EN 12697-24
ANNEX E



EN 12697-24
ANNEX ELVDT Strip
Mounting Kit



EN 12697-44



AASHTO T322/TP9,
ASTM D7369, & NCHRP
1-28A APPENDIX 1

BS DD213

Elastic Stiffness: Method for Determination of Indirect Tensile Stiffness of Bituminous Mixtures

BS DD ABF

Fatigue: Method for Determination of Indirect Tensile Fatigue Characteristics of Bituminous Mixtures

EN 12697-24 ANNEX E

Test Methods for Hot Mix Asphalt. Resistance to Fatigue

EN 12697-26 ANNEX C

Test Methods for Hot Mix Asphalt Stiffness

EN 12697-44

Standard Test Methods for Determination of Tensile Strength of Fracture Toughness of an Asphalt Mixture.

NCHRP 1-28A APPENDIX 1

Harmonized Test Methods for Laboratory Determination of Resilient Modulus for Flexible Pavement Design

► 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.

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