

Compression Test Kit

Accessories

ADVANCED PAVEMENTS TESTING SYSTEMS



Our Compression Test Kit is designed to meet the requirements of a range of testing standards.

Versatile and easy to set-up, this test kit is the perfect accessory to complement your IPC Global testing system.

Specifications

Features

- Precision engineered
- Easy to set-up and use
- Integrated LVDT holders
- Constructed using high quality materials

Test Standards

- AS 2891.12 – Permanent Deformation (Creep)
- BS 598-111 – Permanent Deformation (Creep)
- EN 12697-25A – Cyclic Compression

Dimensions and Weight

| | |
|--------|----------------------|
| Size | 265 x 215mm (HxDia.) |
| Weight | 12kg |

Ordering Information

PV70180 – Compression Test Jig Base Platen & LVDT clamps

PV70183 – LVDT (+/-5mm) UTM

PV72304 – LVDT (+/-5mm) AsphaltQube

EN 12697-25A – Cyclic Compression

PV70184 – Cyclic Compression Test Top Platen for 150mm Dia Specimens

UTS0030 – UTS030 – Asphalt Permanent Deformation Test

AS 2891.12, BS 598-111 – Permanent Deformation (Creep)

PV70181 – Permanent Deformation Test Top Platen for 100mm Dia Specimens

PV70182 – Permanent Deformation Test Top Platen for 150mm Dia Specimens

UTS0014 – UTS014 - Asphalt Permanent Deformation Test

Additional accessories may be required to create a working testing system.

Please contact us for advice.

Cyclic Compression Test EN 12697-25A

This European Standard contains two test methods to determine the resistance to permanent deformation of a bituminous mixture by cyclic compression with confinement. The tests make it possible to rank various mixes or to check on the acceptability of a given mix. Confinement is used in order to obtain realistic test results for gap-graded mixes.



Cyclic Compression Test
EN 12697-25:2005

Permanent Deformation Creep Test BS 598-111; AS 2891.12

The Permanent Deformation Test would typically be used to gauge the relative performance of asphalt mixes for road pavement design by determining the long term rutting performance. The test measures permanent deformations and strains in the vertical axis of the specimen under load.



Permanent Deformation Test Set-up

► 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.

Visit our website for more information www.controls-group.com/ipcglobal.



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