

MultiSCAN Asphalt Frame

Related Tests and Standards

Cracking Tolerance Index Test Standards

American ASTM D8225-19

Moisture Induced Resistance Test Standards

American AASHTO T283-22

Interlayer Shear Strength Test Standards

American AASHTO TP114-18

Semi-Circular Bend Test Standards

American AASHTO TP114-16, ASTM D8044

California Bearing Ratio Test Standards

British BS 1377-4

American ASTM D1883

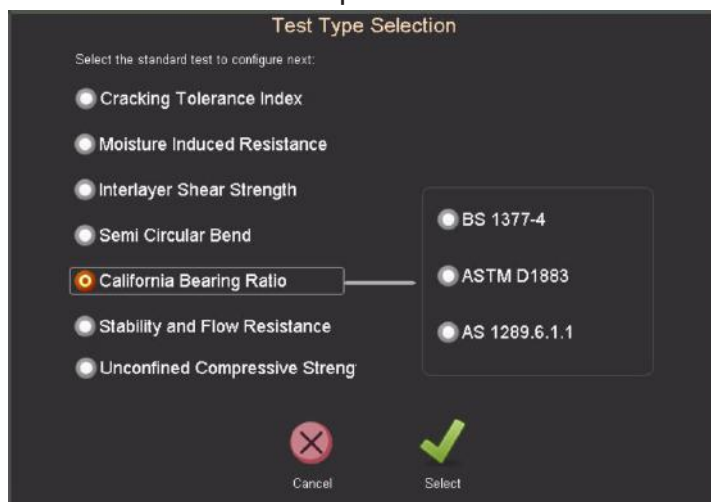
Australian AS1289.6.1.1

Marshall Test Standards

American ASTM D6927, AASHTO T245-17

Summary

The MultiSCAN Asphalt Frame is an extremely versatile machine able to carry out all the Test Types mentioned below without PC connection, due to its sophisticated firmware. Data can be exported to USB stick or to a PC if required.



MultiSCAN Asphalt Frame

Example CBR Corrected Curve



MultiSCAN Asphalt Frame

Description

The MultiSCAN Asphalt Frame is a versatile piece of equipment designed to automatically perform different asphalt tests. The Tests supported by this Frame will require additional accessories (please contact VJ Tech for details).

The MultiSCAN Asphalt Frame is used on a completely standalone basis. It is able to log and analyse the recorded Sensor data using 3 Analogue channels, as described in the standard procedures.

The MultiSCAN Asphalt Frame includes simple procedures for test preparation, as well as automated control.

The integrated graphical analysis tools and automated calculation of the key parameters give this frame its complete and unique independence.

Data are collected in the internal memory (32GB) and can be exported either on a USB stick or a PC (USB connection is required).

Features

- Tests & Calculations can be performed Standalone on this Frame, without a PC
- User friendly firmware for partial or complete automation
- Results export to USB Stick or PC (via USB)
- Inbuilt data logging and storage (32 Gb)
- Can be used with a PC if required
- Live, graphical and tabular displays of User Specified Measured Input and Test Calculated Parameters

* Note, Tests performed with this Frame are not compatible with Clisp Studio csTRIAx Software

Ordering Information

VJT5014-P MultiSCAN 50 kN Frame

VJT5014-P-100 MultiSCAN 100 kN Frame

Specifications

Load capacity	50 kN	100 kN
Speed Range	0.00001 - 99.99999 mm/min	
Fast Platen Adjustment Speed (mm/min)	0.00001 - 99.99999*	0.00001 - 99.99999**
Vertical Clearance	1000 mm	1070 mm
Horizontal Clearance	380 mm	500 mm
Platen Diameter	158 mm	
Power Supply	(90-240) VAC, 1ph, 50/60 Hz	
Dimensions (W x D X H) (cm)	48 x 44 x 149	63 x 45 x 163
Weight (kg)	110	190

*30 kN nominal at 50.8 mm/min

**45 kN nominal at 50.8 mm/min

Example Cracking Tolerance Index Graph



Example Interlayer Shear Strength Graph

