

TriPLEX II Universal Load Frame

The TriPLEX II is a low cost 50kN load frame specifically designed for the soil-testing laboratory. It is built to a very high standard and is extremely simple to use. It is available in both standard and advanced versions.

Related Standards: BS1377-4 & 8; BS EN 12697-34; ASTM D1883-07, D2850-03A, D4186-06, & D6927-06;

Common Features

- Microprocessor based design
- Stepper motor control
- LED display with adjustable contrast
- Large keys for UP, DOWN, STOP, FAST UP and FAST DOWN controls
- Adjustable range from 0.0001mm/min to 50.8000mm/min in control mode
- Platen adjustment speed of up to 99.9mm/min
- RS232 port included

Additional Features TriPLEX II Advanced

- Built-in data logger
- Live on screen display of transducer readings (2 channels)
- Ideally suited to CBR, Marshall, UU Triaxial and Unconfined Compressive Strength tests.

TriPLEX II Advanced (VJT5011-ADV)

The TriPLEX II Advanced is a low cost 50kN Load frame with built-in data logger and display for 2 channels (usually load and displacement). Up to 4 channels are available, allowing 2 spare channels for alternative range transducers to be pre-calibrated and selected when required. The built-in data logger negates the need for a separate data logger reducing cost and system foot print.

The TriPLEX II advanced has been specifically developed and is ideally suited to CBR, Marshall, Unconfined Compressive Strength (UCS) and UU Triaxial Tests where measurement and data logging of load and displacement are all that is required.

The TriPlex II does not have the full keypad of the more flexible TriSCAN load frame and requires Clisp Studio control software for correct operation and calibration.



VJT5011-ADV

Ordering Information

Product Number	Description
VJT5011-RS	TriPLEX Multitester 50 kN
VJT5011-ADV	TriPLEX Multitester 50 kN with built-in data logger

Specifications (VJT5011-RS/VJT5011-ADV Machines)

Load capacity	50 kN*
Speed Range	0-50.8000 mm/mi
Fast Platen Adjustment Speed	50 mm/min
Vertical Clearance	1000 mm
Horizontal Clearance	380 mm
Platen Diameter	158 mm
Power Supply	90-240V, 50/60Hz, 1ph
Dimensions (W x D x H)	480mm x 445mm x 1490 mm
Weight	100 kg

*40 kN nominal @ 50 mm/min