

# Titan for Rubber

## Universal Testing Machine

5kN and 10kN Universal Testing Machines with Extensometer, for stress and strain testing on elastomers.



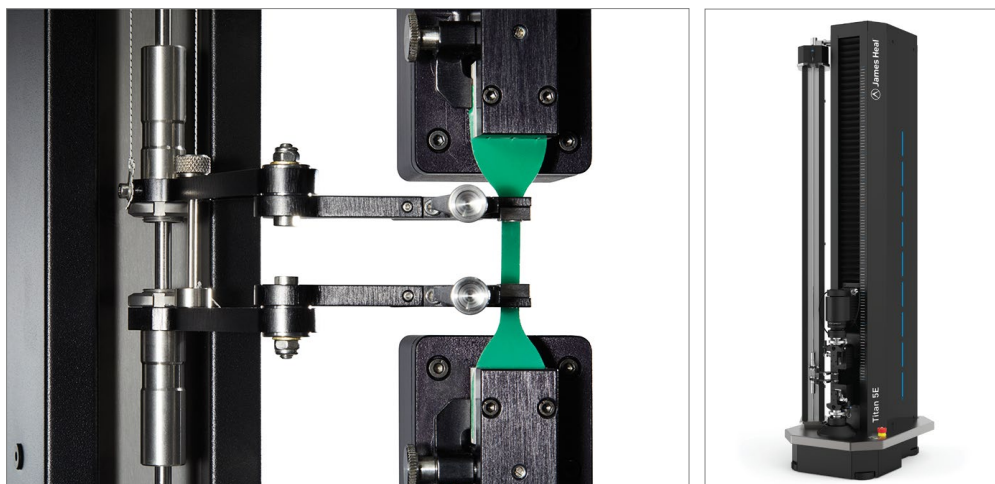
Supplied with our  
**TestWise 2019**  
software



# Titan for Rubber

## UNIVERSAL TESTING MACHINE FOR RUBBER

Titan for Rubber can be supplied as 5kN and 10kN instruments, fitted with a long-travel contact extensometer for testing vulcanised rubber and thermoplastic elastomers including tyres, belts, hoses and shoe soles.



### KEY BENEFITS

#### EXTENSOMETER

The device is a long-travel contact extensometer capable of measuring elongation up to the breaking point in tensile strength tests of rubber and similar materials.

#### TESTWISE OPERATING SYSTEM

Advanced software made simple, for faster, smarter testing. Features include pre-loaded test parameters, real time presentation of results and the option to save to pdf and Excel.

#### SINGLE & DUAL COLUMN

Available as both a single and dual column instrument to accommodate a range of different sample sizes.

Titan10 dual column has a vertical test space of 1200mm and a space between columns of 460 mm.

#### INTUITIVE HAND-HELD CONTROLLER

This enables the user to load samples easily at the instrument, useful for positioning and gripping specimens of variable or irregular size. This eliminates the need to constantly return to the PC or laptop to set-up and start the process.

#### MANUAL CONTROL

The TestWise software allows the operator to control the instrument manually through the hand-held controller, the SMART button or on the screen.

#### EASE OF USE

In addition to the automatic set-up of the parameters and the hand-held controller, other elements which are designed with the user in mind include:

##### QUICK CHANGE LOAD CELLS

The potential to increase efficiencies and laboratory through-put.

##### QUICK CHANGE JAW FACE

Changing the jaw faces is tool free and is a very simple and efficient process.

#### STANDARDS

Suitable for testing to ASTM D412, ASTM D624 (Types A, B, C), ISO 34-1 (Types B, C, T), ISO 34-2, ISO 1798, ISO 37 and DIN 53504.

#### SAFETY

Includes a range of safety features to protect the user, including soft close jaws and software driven crash protection.

### DIMENSIONS

	Height	Width	Depth	Weight
Titan5e	1575mm	400mm	567.5mm	82kg*
Titan10e	1655mm	730mm	500mm	180kg*

\*Excluding Transit Frame

### CONTACT US

#### For more information

email: [sales@james-heal.co.uk](mailto:sales@james-heal.co.uk)

tel: +44 (0) 1422 366 355

web: [www.james-heal.co.uk](http://www.james-heal.co.uk)