

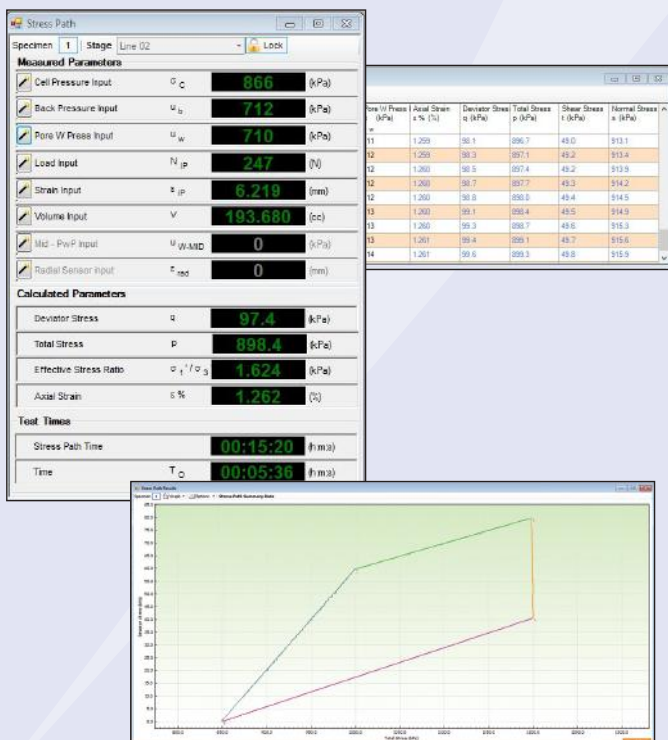
# Stress Path Pro with On-Sample Transducers

The VJ Tech Stress Path Pro (100 kN) with On-Sample System is capable of providing fully automatic Total and Effective Triaxial testing including Consolidated Drained (CD), Consolidated Undrained (CU), Unconsolidated Undrained (UU) and Stress Path tests, with the LVDT On-sample transducers used for small strain testing.

The VJ Tech 3-Channel On-Sample Signal Conditioning Unit processes the signals for onward transmission to a the MiniScanner Pro data logger before being sent to the PC. The Pro Dual Automatic Pressure Controller is used to control and measure both Cell and Back Pressure and Volume.

## Ordering Information

<b>VJT5110-P</b>	TriSCAN Pro 100 kN Advanced Load Frame
<b>VJT0400-BE &amp; VJT0400-AR</b>	Triaxial Cell (100 mm) with Access Ring for Bender Elements and On-Sample Transducers
<b>VJT22670-P</b>	Pro Dual Channel Hydraulic APC (3500 kPa)
<b>VJT1000A-P</b>	MiniScanner Pro 6 Channel Data Logger
<b>VJT0277/8/9</b>	50, 70 or 100 mm On-Sample Set (with signal conditioning unit)
<b>VJT-ccSPATH</b>	Clisp Studio Stress Path Software Module



Stress Path Pro with On-Sample Transducers

## System Features

- All Pro Instruments feature:
  - USB or Ethernet Interface for PC control
  - Integrated 7" Touchscreen Colour Display for Standalone use
  - Internal SD card (8Gb standard)
  - High Speed ARM Processor
  - High Speed sensor conversion (24 bit, up to 4000 samples/sec)
  - Built-in Auto engage function
  - Built-in auto protection for sensor limits
- The TriSCAN Pro has 1 Digital and 5 Analogue input channels on rear

## Advanced System Feature

- Capable of Slow Cyclic Testing up to 0.1 Hz (Subject to Amplitude)

## Software Features

- Saturation (Step and Ramp modes)
- Isotropic Consolidation
- Optional Anisotropic Consolidation
- Shearing to failure in compression
- Small Strain Measurement
- Live view of sensor readings and status
- Live Data Views, Graphs and Tables
- Results Data export to Excel
- Export & Import of Test scripts