



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

This wishlist was generated on 01/06/2016, and contains the following Products:

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DS7.1 Quick Undrained Triaxial Software

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Permeability Software

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Axial Strain Transducer Assembly 50mm Travel Fitted with 5 Pin Din Plug.

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Volume Change Transducer Assembly 80Cm3 Capacity Maximum Working Pressure 1700Kpa

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Pressure Transducer Assembly 1700Kpa Fitted with 5 Pin Din Plug.

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70mm Base Adaptor for 70mm Cells.

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Pressure Pad 70mm Diameter.

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1.4" Acrylic Specimen Cap and Base Set

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2.8" Acrylic Specimen Cap and Base Set

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Porous Disc 70mm Diameter Pack of 2.

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Membrane Sealing Ring 70mm Diameter Pack of 10.

25-6580

Filter Paper Drain 70mm/2.8 Inch Diameter. Pack of 50.

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Membrane Tester 2.8"

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Rubber Membrane 70mm/2.8 Inch Diameter. Pack of 10.

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Suction Membrane Device 70mm Diameter.

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Membrane Placing Tool 70mm/2.8 Inch Diameter.

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Tri-Flex 2 Master Control Panel, Metric 110vAC

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Tri-Flex 2 Water De-airing Tank System

25-0699

Auxiliary Control Panel

25-0690

Tri-Flex 2 Permeability Test Cell

27-1495/02

ADU

25-4520

Valve No Volume Change 1/4 Inch BSp Fitted with 6 mm Connector and Integral Sealing Ring.



DS7.1 CU/CD Effective Stress Triaxial Software

Code: [27-1760](#)

Product Group: [N/A](#)

Standards

ASTM D4767, ASTM D7181, AASHTO T297



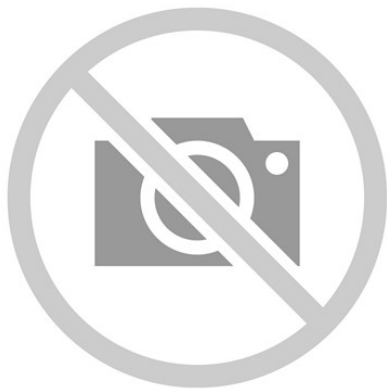
DS7.1 Quick Undrained Triaxial Software

Code: [27-1750](#)

Product Group: [N/A](#)

Standards

ASTM D2850, AASHTO T296



Permeability Software

Code: [27-1765](#)

Product Group: [Tri-Flex 2 One-Cell Permeability Test System](#)



Axial Strain Transducer Assembly 50mm Travel Fitted with 5 Pin Din Plug.

Code: [27-1617](#)

Product Group: [Axial Displacement](#), [Axial Displacement](#), [Displacement Transducers](#)

0 to 50 mm range. For use with Triaxial Cells.

- Ideally suited for use with GDU for accurate displacement measurements
- Models available for use in consolidation, shear, CBR and triaxial test applications
- Supplied complete with mounting hardware for specified products

Displacement Transducers are used in consolidation, shear, CBR and triaxial test applications for accurate displacement measurements. They are supplied complete with a 5-pin DIN type connector for direct connection to the GDU.

Specification

Construction	Fully encapsulated electronics, sealed in a stainless steel case
Excitation	10 V DC
Connector	5-pin DIN type
Mounting bracket	Included as standard
Weight kg	0.45
Construction	Fully encapsulated electronics, sealed in a stainless steel case.
Excitation	10vDC.
Connector	5-Pin DIN type.
Mounting Bracket	Included as standard.
Weight	Net 1 lb. (0.45 kg).



Volume Change Transducer Assembly 80Cm3 Capacity Maximum Working Pressure 1700Kpa

Code: 27-1641

Product Group: [Volume Change Measurement](#),
[Volume Change Measurement](#), [Volume Change Transducer](#), [Tri-Flex 2 One-Cell Permeability Test System](#)

- Reversing valves to increase capacity
- Steel case for wall mounting and access to piping
- Supplied complete with calibration certificate

The Volume Change Transducer provides continuous measurements of volume change during the triaxial test. The assembly includes a valve to reverse the flow through the unit, providing increased capacity.

Specification

Overall dimensions (l x w x h)	178 x 229 x 368 mm
Maximum pressure	1700 kPa
Excitation	10 V DC
Output	1.25 full range
Capacity	80 ml
Connector	5-pin DIN type
Weight kg	4.5
Maximum Pressure	250 psi (1,700 kPa).
Excitation	10vDC.
Output	1.25 Volts full range.
Capacity	80 cc x 0.1 cc sensitivity.
Case	Steel; hinged for access to piping.
Connector	5-Pin DIN type.
Overall Dimensions	9" w. x 7" d. x 14 -1/2" h. (229 x 178 x 368 mm).
Weight	Net 10 lbs. (4.5 kg).
Maximum Pressure	250 psi (1,700 kPa).
Excitation	10vDC.
Output	1.25 Volts full range.
Capacity	80 cc x 0.1 cc sensitivity.
Case	Steel; hinged for access to piping.
Connector	5-Pin DIN type.
Overall Dimensions	9" w. x 7" d. x 14 -1/2" h. (229

Product Sheet

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Weight

x 178 x 368 mm).
Net 10 lbs. (4.5 kg).



Pressure Transducer Assembly 1700Kpa Fitted with 5 Pin Din Plug.

Code: 27-1633

Product Group: Pressure Transducer, Pressure Measurement, Tri-Flex 2 One-Cell Permeability Test System

Pressure Transducers are used to measure the cell, pore and back pressures during triaxial testing. Assemblies are supplied complete with a de-airing block, valve, 5-pin DIN plug connector and calibration certificate

Specification

Construction	Stainless steel
Excitation	10 V DC
Output	143 mV full range
Thread	1/4" BSP
Construction	Stainless Steel.
Excitation	10vDC.
Thread	1/4 BSP.
Construction	Stainless Steel.
Excitation	10vDC.
Thread	1/4 BSP.



70mm Base Adaptor for 70mm Cells.

Code: [25-4176](#)

Product Group: [Base Pedestals, Specimen Base Adaptors](#)

70mm Base Adaptor with Twin Pore Pressure Ports for 70mm Cells.

Standards

BS 1377, ASTM D2850, ASTM D4767, ASTM D7181, AASHTO T296, AASHTO T297



Pressure Pad 70mm Diameter.

Code: [25-6430](#)

Product Group: [Specimen Caps, Pressure Pads](#)

70 mm / 2.8" diameter pressure pad. The pad shall have two empty ports and will come complete with two blanking plugs, plastic tubing and connector. Suitable For both drained and undrained tests.

Standards

ASTM D2850, ASTM D4767, ASTM D5084, AASHTO T296, AASHTO T297, ASTM D7181



1.4" Acrylic Specimen Cap and Base Set

Code: [25-4159/10](#)

Product Group: [Tri-Flex 2 Triaxial Cell](#)

Standards

ASTM D2850, ASTM D4767, ASTM D7181, AASHTO T296, AASHTO T297

Further Information

Includes drainage lines



2.8" Acrylic Specimen Cap and Base Set

Code: [25-4159/11](#)

Product Group: [Tri-Flex 2 Triaxial Cell](#)

Standards

ASTM D2850, ASTM D4767, ASTM D7181, AASHTO T296, AASHTO T297

Further Information

Includes drainage lines



Porous Disc 70mm Diameter Pack of 2.

Code: [25-6561](#)

Product Group: [Accessories for CU/CU effective stress, Porous Stones, Tri-Flex 2 Permeability Test Cell](#)

70 mm diameter porous disc (pack of 2).

Standards

ASTM D2850, ASTM D4767, ASTM D5084, AASHTO T296, AASHTO T297, ASTM D7181



Membrane Sealing Ring 70mm Diameter Pack of 10.

Code: [25-6461](#)

Product Group: [Membrane Sealing Rings, Sealing Rings, Tri-Flex 2 Permeability Test Cell](#)

70 mm diameter membrane sealing ring (Pack Of 10).

Standards

ASTM D2850, ASTM D4767, ASTM D5084, AASHTO T296, AASHTO T297



Filter Paper Drain 70mm/2.8 Inch Diameter. Pack of 50.

Code: [25-6580](#)

Product Group: [Filter Paper Drains, Accessories for CU/CU effective stress](#)

Filter paper drain 70 mm diameter (Pack Of 50).

Standards

ASTM D2850, ASTM D4767, ASTM D7181, AASHTO T296, AASHTO T297



Membrane Tester 2.8"

Code: [25-6443](#)

Product Group: [Membrane Testers, Tri-Flex 2](#)
[One-Cell Permeability Test System](#)



Rubber Membrane 70mm/2.8 Inch Diameter. Pack of 10.

Code: [25-6441](#)

Product Group: [Rubber Membranes](#), [Rubber Membranes](#), [Tri-Flex 2 One-Cell Permeability Test System](#), [Tri-Flex 2 Permeability Test Cell](#)

70 mm / 2.8" mm diameter rubber membrane (Pack Of 10).

Standards

ASTM D2850, ASTM D4767, ASTM D5084, AASHTO T296, AASHTO T297, ASTM D7181



Suction Membrane Device 70mm Diameter.

Code: [25-6480](#)

Product Group: [Suction Membrane Devices](#), [Suction Membrane Device](#), [Tri-Flex 2 One-Cell Permeability Test System](#)

70Mm Diameter Suction Membrane Device.



Membrane Placing Tool 70mm/2.8 Inch Diameter.

Code: [25-6470](#)

Product Group: [Membrane Placing Tools](#), [O-Ring Placing Tools](#), [Tri-Flex 2 One-Cell Permeability Test System](#)

70Mm/2.8 Inch Diameter Membrane Placing Tool.



Tri-Flex 2 Master Control Panel, Metric 110vAC

Code: 25-0697/02

Product Group: Tri-Flex 2 Master Control Panel

Standards

ASTM D2850, ASTM D4767, ASTM D7181, ASTM D5084, AASHTO T296, AASHTO T297

Further Information

110vAC, 50/60 Hz, 1Ø.

Specification

Measurement Range	10-4 to 10-10 cm/sec.
Master Regulator	2 to 150 psi (14 -1,034 kPa), dual scale.
Master Pressure Gauge	2 to 160 psi (14 -1,103 kPa), dual scale.
Master Vacuum Gauge	0 to -30 inches of Hg (0-100 kPa), dual scale.
Digital Pressure Meter	English: 2 to 15 0 psi range; $\hat{A}\pm 0.1$ psi; $\hat{A}\pm 0.25$ % accuracy full scale. Metric: 14 to 1,034 kPa range; $\hat{A}\pm 1$ kPa; $\hat{A}\pm 0.25$ % accuracy full scale.
Burette Pressure Regulators	Three; 2 to 15 0 psi (14 -1,034 kPa).
Burette/Annulus	Three; 25 /400 ml capacity with 0.1 ml burette graduations.
Utilities Required	Water, vacuum, Dry air pressure, drain and AC power supply.
Dimensions	21 ˆ w. x 36-3/4ˆ h. x 7ˆ d. (17ˆ d. with legs); (533 x 933 x 178 mm).

Product Sheet

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Weight

Net 50 lbs. (22 .7 kg).



Tri-Flex 2 Water De-airing Tank System

Code: 25-0698

Product Group: Tri-Flex 2 Auxiliary Control Panel, Tri-Flex 2 Master Control Panel, Tri-Flex 2 Water De-Airing Tank System, Tri-Flex 2 One-Cell Permeability Test System

Standards

ASTM D2850, ASTM D4767, ASTM D7181, ASTM D5084, AASHTO T296, AASHTO T297

Specification

Construction	Clear acrylic construction with stainless steel threaded clamping rods.
Seals	O-ring, top & bottom.
Relief Valve	Preset at 10 psi (69 kPa).
Capacity	1.4 gals. (5.3 litres).
Dimensions	6" diam. x 16" (152.4 x 406.4 mm).
Weight	Net 7.5 lbs. (3.4 kg).



Auxiliary Control Panel

Code: [25-0699](#)

Product Group: [Tri-Flex 2 Auxiliary Control Panel](#),
[Tri-Flex 2 Master Control Panel](#)

For two additional triaxial cells

Standards

ASTM D2850, ASTM D4767, ASTM D7181, ASTM D5084, AASHTO T296, AASHTO T297

Further Information

Tri-Flex 2 Master Control Panel required for operation.

Specification

Measurement Range	10-4 to 10-10 cm/sec.
Burette Pressure Regulators	Six; 2 to 15 0 psi (14 -1,034 kPa).
Burette/Annulus	Six; 25 /400 ml capacity with 0.1 ml burette graduations.
Utilities Required	Water, vacuum, Dry air pressure and drain through connection to the Master Control Panel.
Dimensions	27â w. x 36-3/4â h. x 7â d. (17â d. With legs); (686 x 933 x 178 mm).
Weight	Net 80 lbs. (36.3 kg).



Tri-Flex 2 Permeability Test Cell

Code: 25-0690

Product Group: Tri-Flex 2 Permeability Test Cell,
Tri-Flex 2 One-Cell Permeability Test System

Standards

ASTM D5084

Specification

Specimen Size	1.4" (35 mm) to 4" (102 mm) diam. Using optional Cap and Base Sets, not included.
Head Assembly	Anodized aluminum with quick-disconnect fill/vent port and three clamping rods.
Base Assembly	Stainless steel with four stainless steel no-volume change ball valves for inflow and outflow ports and one brass no-volume change ball valve for lateral port.
Cylinder	Clear acrylic.
Maximum Pressure	150 psi (1,034 kPa).
Tubing	Teflon and stainless steel.
Dimensions	Approx. 8" diam. x 15" h. (203 x 381 mm). Excluding valves.
Weight	Net 23 lbs. (10.4 kg).
Specimen Size	1.4" (35 mm) to 4" (102 mm) diam. Using optional Cap and Base Sets, not included.
Head Assembly	Anodized aluminum with quick-disconnect fill/vent port and three clamping rods.
Base Assembly	Stainless steel with four stainless steel no-volume

Product Sheet

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Cylinder	change ball valves for inflow and outflow ports and one brass no-volume change ball valve for lateral port.
Maximum Pressure	Clear acrylic.
Tubing	15 0 psi (1,034 kPa).
Dimensions	Teflon and stainless steel.
	Approx. 8â€ diam. x 15 â€ h. (203 x 381 mm). Excluding valves.
Weight	Net 23 lbs. (10.4 kg).



ADU

Code: [27-1495/02](#)

Product Group: [Tri-Flex 2 One-Cell Permeability Test System](#)

Specification

Case

Free standing; houses power supply, analog to digital conversion module, 12 8k bytes of memory storage and an 8-channel analog input module with transducer energization.

Sockets

Standard 5-pin DIN type.

Input Range

$\hat{A}\pm 5$ volts to $\hat{A}\pm 10$ mV full scale.

Transducer Supply

10vDC.

Dimensions

17-1/2" w. x 16" d. x 7" h.
(445 x 406 x 178 mm).

Weight

Net 25 lbs. (11 .3 kg).



Valve No Volume Change 1/4 Inch BSp Fitted with 6 mm Connector and Integral Sealing Ring.

Code: [25-4520](#)

Product Group: [General Cell Accessories,](#)
[Accessories for CU/CU effective stress](#)

Standards

ASTM D2850, ASTM D4767, ASTM D7181, AASHTO T296, AASHTO T297