



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

# Contents

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This wishlist was generated on 23/02/2017, and contains the following Products:

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25-3518/01

**Digital Tritest 50 Load Frame**

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25-3525/02

**Versa-Loader**

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27-1109/02

**2 Channel Digital Readout, Metric**

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## Digital Tritest 50 Load Frame

Code: [25-3518/01](#)

Product Group: [Digital Tritest 50 Load Frame](#), [CBR Load Frames](#), [Triaxial Load Frames](#)

- Microprocessor control
- Large on-board LED screen display
- Direct entry via a touch sensitive keyboard
- Rapid approach and return to datum of platen
- Fully variable speed, 0.00001 to 9.99999 mm/min
- Samples up to 100 mm diameter

This 50 kN capacity machine, designed primarily for triaxial testing of soil specimens up to 100 mm diameter x 200 mm long, comprises a rigid twin column construction with an integral fully variable microprocessor controlled drive unit and LCD display with a touch sensitive keyboard. The machine is normally bench mounted for ease of installation and operation.

The use of a microprocessor controlled drive system and keyboard entry provides the Digital Tritest 50 with a wide variety of features which include pause and speed reset during test, RS 232C, operator programming of speed and control functions, self test diagnostics and many other features.

A robustly constructed steel case houses the motor drive system with careful attention being given to the prevention of ingress of water or grit. All operating controls are mounted on the front panel of the machine, which is angled and recessed to prevent physical and environmental damage.

## Standards

BS 1377-7, BS 1377-8, BS 1924-2, ASTM D1883, ASTM D2166, ASTM D2850, ASTM D4767, ASTM D7181, AASHTO T99, AASHTO T134, AASHTO T135, AASHTO T136, AASHTO T180, AASHTO T193, AASHTO T208, AASHTO T296, AASHTO T297

## Further Information

Complete with RS 232C interface.

## Specification

Capacity	50kN (11,200 lbf).
Speed Range	English mode: 0.000001 to 0.399999 in/min. Metric mode: 0.00001 to 9.99999 mm/min.
Rapid Approach Speed	1.0 in/min. (25 mm/min.).

# Product Sheet

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Platen Travel	100mm (3.9"); limit switch protection.
Platen Diameter	133 mm (5.2")
Vertical Clearance	910 mm, (36 .8") maximum; 305mm, (12") minimum.
Horizontal Clearance	364mm, (15 .3").
Serial Interface	RS232C; programmable baud rate and protocol.
Overall Dimensions	500 x 500 x 1,470 mm, (19.7" w. x 19.7" d. x 57.8" h).
Weight	Net 100kg (220 lbs); Shpg. 136kg (300 lbs).

## Accessories



### 50kN Clamped Boss Load Ring

Code: [78-0860](#)



### Adaptor kit, to perform CBR on the Tritest 50 load frame

Code: [25-3518/10](#)



### Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)



### Clamped Boss Load Ring - 28.0 kN

Code: [78-0760](#)



## Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



## Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)

## Alternatives



## MultiPlex 50 Load Frame

Code: [25-3700/01](#)



## Versa-Loader

Code: [25-3525/02](#)



## Versa-Loader

Code: 25-3525/02

Product Group: Versa-Loader, Versa-Loader, Versa-Loader

## Standards

ASTM D1883, ASTM D2850, AASHTO T193, AASHTO T296, AASHTO T208

## Further Information

110vAC, 50/60 Hz, 1Ø.

## Specification

Capacity	10,000 lbf. (45 kN).
Speed Range	0.001" to 0.08" (0.025 to 2.032 mm) per minute.
Platen Travel	2.5" (64 mm); limit switch protection.
Vertical Clearance	33 " (838 mm) maximum.
Horizontal Clearance	10" (254 mm).
Controls	Push-button "Up-Down-Stop" with running and travel limit indicator lights; Speed control knob.
Overall Dimensions	13.5" w. x 23 " d. x 51 " h. (343 x 584 x 1,295 mm).
Weight	Net 185 lbs. (84 kg).

## Accessories





## 2 Channel Digital Readout, English

Code: [27-1108/02](#)



## 2 Channel Digital Readout, Metric

Code: [27-1109/02](#)



## 50kN Clamped Boss Load Ring

Code: [78-0860](#)



## CBR Data Logging Test Set

Code: [27-1126/02](#)



## CBR Test Accessory Set English

Code: [24-9175](#)



## CBR Test Accessory Set For Use with GDU or DSU

Code: [24-9185](#)



## CBR Test Accessory Set Metric

Code: [24-9177](#)



## CBR Test Digital Readout (English)

Code: [27-1124/02](#)



## CBR Test Digital Readout (Metric)

Code: [27-1125/02](#)



## Clamped Boss Load Ring - 10.0 kN

Code: [78-0460](#)



## Clamped Boss Load Ring - 2.0 kN

Code: [78-0060](#)



## Clamped Boss Load Ring - 28.0 kN

Code: [78-0760](#)





## Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)



## Clamped Boss Load Ring - 4.5 kN

Code: [78-0260](#)



## Digital Proving Ring, 1,000 lbs (4.5 kN)

Code: [78-0264](#)



## Digital Proving Ring, 11,200 lbs (50.0 kN)

Code: [78-0864](#)



## Digital Proving Ring, 450 lbs (2.0 kN)

Code: [78-0064](#)



## Digital Proving Ring, 6,000 lbs (28.0 kN)

Code: [78-0764](#)



## Unconfined Compression Assembly Only

Code: [25-3999](#)



## Unconfined Compression Test Accessory Set, English

Code: [25-3997](#)



## Unconfined Compression Test Accessory Set, Metric

Code: [25-3998](#)



## Unconfined Compression Test Digital Readout Set, English 110 vAC

Code: [27-1121/02](#)



## Unconfined Compression Test Digital Readout Set, English 220 vAC

Code: [27-1121/01](#)



## Unconfined Compression Tester, Hand-Operated

Code: [25-3605](#)

## Spares/Consumables



## Dial Indicator - 1.0" Range

Code: [88-4100](#)

## Alternatives



## CBR Loading Press, Hand-Operated

Code: [24-9345](#)



## CBR-Test 50 Machine 50 kN Capacity BS and ASTM Supplied with Stabilising Bar.

Code: [24-9150/02](#)



## Dial Gauge 25mm Travel X 0.01mm Divisions

Code: [25-4210](#)



## Digital Proving Ring, 2,250 lbs (10.0 kN)

Code: [78-0464](#)



## Digital Tritest 50 Load Frame

Code: [25-3518/01](#)



## Digital Tritest 50 Load Frame

Code: [25-3518/02](#)



## Electronic Digital Indicator, 1.0"/25.4 mm range

Code: [88-4220](#)



## Unconfined Compression Tester, Hand-Operated

Code: 25-3604



## 2 Channel Digital Readout, Metric

Code: [27-1109/02](#)

Product Group: [Digital Load and Displacement Readout](#), [Versa-Loader](#), [Digital Tritest 50 Load Frame](#)

Transducers to be ordered separately. Metric units.

## Further Information

110vAC, 50/60 Hz, 1Ø.

## Specification

Displays	Two, 4-digit red 14 segment LED displays.
Display Units	English models in lbf and inches; Metric models in kN and mm.
Read Rate	Three samples per second; automatic polarity.
Warm-Up Time	30 minutes for rated accuracy.
Operating Temperature	32 °F - 120 °F (0°C - 50°C).
Dimensions	9.3" w. x 9.3" d. x 3.2" h. (236 x 236 x 81.3 mm).
Weight	Net 8 lbs. (3.6 kg).

## Accessories



## 2 Channel Digital Readout, English

Code: [27-1108/01](#)



## 2 Channel Digital Readout, English

Code: [27-1108/02](#)

## Alternatives



## 2 Channel Digital Readout, English

Code: [27-1108/01](#)

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## 2 Channel Digital Readout, English

Code: [27-1108/02](#)