



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

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47-0202

Digital Asphalt Thermometer



Clamped Boss Load Ring - 3.0 kN

Code: [78-0160](#)

Product Group: Digital Tritest 50 Load Frame,
Direct/Residual Shear Apparatus, Proving Rings,
Measurement of Load (Shear Stress), Clamped Boss
Load Rings

Standards

BS 1377, ASTM D3080

Specification

Capacity: kN, kgf, lbf	3.0, 300, 650
Typical Design sensitivity: N/div, kgf/div, lbf/div	2.0, 0.20, 0.43
Overall height mm	248
Approx weight kg	3.3
Capacity - lbf	1,000
Capacity - kN	3
Capacity - kgf	300
Typical Design Sensitivity - lbf/div	0.43
Typical Design Sensitivity - kN/div	2
Typical Design Sensitivity - Kgf/div	0.2
Overall Height	9.76" (248 mm)
Approx Weight	7.3 lbs.(3.3 kg)

Accessories



50kN Clamped Boss Load Ring

Code: [78-0860](#)



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 - 4.5 kN

Code: [78-0260](#)

Spares/Consumables



Spare Dial Indicator for Load Rings

Code: [78-5461](#)

Alternatives



50kN Clamped Boss Load Ring

Code: [78-0860](#)



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 - 4.5 kN

Code: [78-0260](#)



Forced Convected Oven - 6.9 cu. ft. capacity - 120V

Code: [88-0156/02](#)

Product Group: [Forced Convected Ovens](#)

120vAC, 60 Hz, 1Ø, 21.6 amps.

Specification

Chamber Size	30" w. x 18" d. x 22" h. (76 x 46 x 56 cm); 6.9 ft ³ (196 liters).
Overall Size	36" w. x 24.5" d. x 36.5" h. (92 x 63 x 93 cm).
Operating Range	35 °C - 204 °C (95 °F - 400 °F).
Weights	245 lbs. (112 kg).

Alternatives



Bench Oven - Digital PID Controller - 7 cu. ft. capacity - 115V

Code: [88-0140/02](#)



Bench Oven - Digital PID Controller - 7 cu. ft. capacity - 230V

Code: [88-0140/01](#)



Bench Oven - Hydraulic Thermostat - 7 cu. ft. capacity - 115vAC

Code: [88-0130/02](#)



Bench Oven - Hydraulic Thermostat - 7 cu. ft. capacity - 230vAC

Code: [88-0130/01](#)



Double Wall Laboratory - 3.0 cu. Ft. Capacity - 115vAC

Code: [88-0220/02](#)



Double Wall Laboratory - 3.0 cu. Ft. Capacity - 230vAC

Code: [88-0220/01](#)



Double Wall Laboratory Oven - 0.7 cu. Ft. Capacity - 115vAC

Code: [88-0200/02](#)



Double Wall Laboratory Oven - 2.0 cu. Ft. Capacity - 115vAC

Code: [88-0210/02](#)



Forced Convection Oven - 18 cu. ft. capacity - 240V

Code: [88-0161/01](#)



Forced Convection Oven - 27 cu. ft. capacity - 240v

Code: [88-0166/01](#)



Forced Convected Oven - 18 cu. ft. capacity - 240V

Code: [88-0161/01](#)

Product Group: [Forced Convected Ovens](#)

240vAC, 50/60 Hz, 1Ø, 16.4 amps.

Alternatives



Bench Oven - Digital PID Controller - 7 cu. ft. capacity - 115V

Code: [88-0140/02](#)



Bench Oven - Digital PID Controller - 7 cu. ft. capacity - 230V

Code: [88-0140/01](#)



Bench Oven - Hydraulic Thermostat - 7 cu. ft. capacity - 115vAC

Code: [88-0130/02](#)



Bench Oven - Hydraulic Thermostat - 7 cu. ft. capacity - 230vAC

Code: [88-0130/01](#)



Double Wall Laboratory - 3.0 cu. Ft. Capacity - 115vAC

Code: [88-0220/02](#)



Double Wall Laboratory - 3.0 cu. Ft. Capacity - 230vAC

Code: [88-0220/01](#)



Double Wall Laboratory Oven - 0.7 cu. Ft. Capacity - 115vAC

Code: [88-0200/02](#)



Double Wall Laboratory Oven - 2.0 cu. Ft. Capacity - 115vAC

Code: [88-0210/02](#)



Forced Convected Oven - 27 cu. ft. capacity - 240v

Code: [88-0166/01](#)

Product Sheet

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Forced Convection Oven - 6.9 cu. ft. capacity - 120V

Code: [88-0156/02](#)



Filter Papers 150mm Dia Equivalent to Whatman No 1. Box of 100.

Code: [24-9220](#)

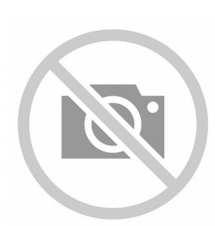
Product Group: [BS EN CBR mould accessories](#)

Box of 100.

Standards

EN 13286-4, BS 1377-4, BS 1924-2

Accessories



BS Solid Base or Top Plate

Code: [24-9204](#)

Alternatives



BS Solid Base or Top Plate

Code: [24-9204](#)



Digital Pocket Thermometer

Code: [88-4434](#)

Product Group: [Digital Pocket Thermometers](#)

Fahrenheit scale and Celsius scale.

Standards

ASTM D854

Specification

Range	-58Â° to +392Â°F or -50Â° to 200Â°C.
Resolution	0.1Â°F or 0. 1Â°C.
Weight	5 oz. (142 g).

Alternatives



Digital Thermometer

Code: [88-4420](#)



Pistol-Grip Infrared Thermometer

Code: [88-4400](#)



100kN Flexural (Beams) Frame. Supplied Without Specimen Bearers and Fitting Kit.

Code: [37-6130](#)

Product Group: [Flexural Testing for Beams](#)

- Open sided for ease of specimen loading
- Meets EN 12390-5, 1521, 13161, 772-6 and ASTM C78 for standard section beams
- Optional ball seating assembly

This rigidly constructed, open sided frame is suitable for testing 100 mm and 150 mm square-section beams. The frame supports a hydraulic ram and upper sub-platen assembly incorporating a spherical seating. The upper and lower sub-platens will accept various specimen loading bearers, which are supplied separately.

Standards

BS 1881-118, EN 12390-5

Further Information

Not available for sale in the USA

Accessories



100 kN Flexural Fitting Kit ADR Auto for 110 - 120 V AC, 60 Hz, 1 ph

Code: [37-6135/02](#)



100 kN Flexural Fitting Kit ADR Auto for 220 - 240 V AC, 50 Hz, 1 ph

Code: [37-6135/01](#)



100 kN Flexural Fitting Kit ADR Auto for 220 - 240 V AC, 60 Hz, 1 ph

Code: [37-6135/06](#)



100kN Flexural Fitting Kit (ADR) Used for Connecting Flexural Frames to ADR Compression Machines.

Code: [37-6138](#)



ASTM C78 Specimen Bearer Assembly Case-Hardened 38mm Dia X 160mm Length.

Code: [37-6132](#)



Ball Seating Assembly 150mm Dia Platens.

Code: [37-6133](#)



BS 1881 Specimen Bearer Assembly 38mm Dia X 160mm Length.

Code: [37-6131](#)



Standard Distance Piece - 100 mm Depth

Code: [37-5100](#)



Standard Distance Piece - 20 mm Depth

Code: [37-4980](#)



Standard Distance Piece - 50 mm Depth

Code: [37-5000](#)



Standard Distance Piece - 60 mm Depth

Code: [37-5020](#)



Standard Distance Piece - 80 mm Depth

Code: [37-5050](#)

Alternatives



Accu-Tek Touch 250 Automatic Compression Machine 110V/60Hz

Code: [36-1690/02](#)



Digital Asphalt Thermometer

Code: [47-0202](#)

Product Group: [Digital Asphalt Thermometer](#)

Comprises a hand-held digital thermometer with an operating range of -99 to +1372 °C with a switchable resolution between 0.1 and 1.0 °C. Operates on a 9V battery and utilises K-type thermocouple sensors.

Standards

BS 2000-49, EN 1426, EN 13179-2, ASTM D5, AASHTO T49, IP 49

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

Specification

Range	-50 to 1000°C
Resolution	Switchable 0.1 or 1.0°C
Weight	300 g

Accessories



250 Asphalt Probe

Code: [47-0202/10](#)



Breaking Head (Marshall)

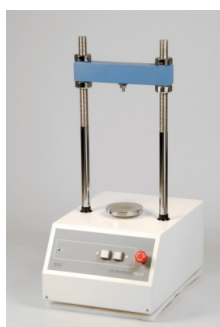
Code: [45-6850](#)



Vibrating Hammer

Code: [47-0455/01](#)

Alternatives



Marshall Test 50

Code: [45-6810/01](#)



Marshall Test 50

Code: [45-6810/06](#)