



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

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Accu-Tek Touch 500 Series 220V/60Hz

Code: 36-3095/06

Product Group: Accu-Tek Touch 500 Series

Standards

ASTM C39, AASHTO T22

Further Information

220vAC, 60 Hz, 1Ø.

Specification

Capacity	500,000 lbf (2,224 kN)
Vertical Clearance	19.62" (498 mm) without upper platen assembly from top of lower block
Horizontal Clearance	14" (355 mm) between uprights
Ram	8.75" (222 mm) diameter; 2.5" (64 mm) stroke with overtravel limit switch protection
Pump	2 h.p (0.7 kw) electro-hydraulic pump mounted within reservoir with overload protection
Hydraulic Controls	Pressure compensated flow control valve with 4-position control lever and adjustable flow valve. Pump Start/Stop Push-buttons.
Lower Platen	12" w x 16" d x 2" h (305 x 406 x 50 mm) with scribed concentric circles and lines
Display System	5.7" (145 mm) touch screen display, incorporating full key pad (QWERTY type); pace deviation bargraph; automatic stress calculation; 2 GB of

	internal memory for storing thousands of test results; download data to PC via USB or to printer via RS-232 interface.
Range	5,000 to 500,000 lbf (22.4 to 2,224 kN)
Accuracy	Factory calibrated to within 1.0% of reading - from 1% to 100% of machine capacity
Dimensions	31.25" w x 21" d x 50.75" h (794 x 533 x 1,289 mm)
Weight	Net 1,700lbs (771 kg)

Accessories



Flexural Attachment

Code: [37-5526](#)



Frame Stand

Code: [37-5575](#)



Pedestal for Testing 4" x 8" Cylinders

Code: [37-5561](#)



Platen Set 3" x 6" Concrete Cylinders

Code: [37-5504](#)



Platen Set for 2" Cubes

Code: [37-5510](#)



Platen Set for 6" x 12" Concrete Cylinders

Code: [37-5500](#)



Platen Set for Blocks up to 12"

Code: [37-5518](#)



Portable Impact Tape Printer

Code: [37-4862/02](#)

Spares/Consumables



Accutek Oil

Code: 9806-0016



Ram Seal

Code: 4699-1316

Alternatives



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

Code: 36-0695/02



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

Code: 36-0690/02



Accu-Tek Touch 250 Series Compression Machine 220V/50Hz

Code: [36-0690/01](#)



Accu-Tek Touch 250 Series Compression Machine 220V/60Hz

Code: [36-0690/06](#)



Accu-Tek Touch 350 Compression Machine 110V/60Hz

Code: [36-0740/02](#)



Accu-Tek Touch 350 Series 110V/60Hz

Code: [36-0735/02](#)



Accu-Tek Touch 350 Series 220V/50Hz

Code: [36-0735/01](#)



Accu-Tek Touch 350 Series 220V/60Hz

Code: [36-0735/06](#)



Accu-Tek Touch 500 Series 110V/60Hz

Code: [36-3095/02](#)



Accu-Tek Touch 500 Series 220V/50Hz

Code: [36-3095/01](#)



Speedy Moisture Tester D2 Large 0-20% Moisture Range. Supplied Less Calcium Carbide

Code: [23-7452](#)

Product Group: [Rapid Moisture Testers](#), [Rapid method by Speedy Moisture Tester](#), [Rapid method by Speedy Moisture Tester](#)

Uses a technique based on the fact that water will react with calcium carbide to form a gas and that the quantity of gas formed is directly proportional to the water present. The gas pressure is indicated on a built-in pressure gauge. The pressure gauge calibrated in percentage of moisture. Has a moisture range of 0-20% with gauge divisions every 0.2%. Holds a sample size of 20 g. Includes an electronic balance of 200 g capacity x 0.1 g readability and is supplied in plastic carrying case.

Standards

BS 812, ASTM D4944, AASHTO T217

Specification

Model	D2 Large
Moisture Range	0 to 20%
Gauge divisions	0.20%
Sample weight g	20
Weight complete kg	8.4

Accessories



Calcium Carbide Powder 500G.

Code: [23-7700](#)



Reagent for Speedy Moisture Testers. Pack of 12 Cans 500 G Each. (Calcium Carbide)

Code: [23-7702](#)



Speedy Calibration Unit Self Contained Unit.

Code: [23-7600](#)

Spares/Consumables



Portable Electronic Balance

Code: [23-7452/12](#)

Alternatives



Speedy Moisture Tester D2 Small 0-20% Moisture Range. Supplied Less Calcium Carbide

Code: [23-7502](#)



Speedy Moisture Tester G2 Large 0-50% Moisture Range. Supplied Less Calcium Carbide

Code: [23-7462](#)



Sand Equivalent Shaker

Code: [24-4949/02](#)

Product Group: [Sand Equivalent Shaker](#)

Standards

ASTM D2419, AASHTO T176, CA 217, CA 229

Further Information

110vAC, 50/60 Hz, 1Ø.

Specification

Motor	1.9 Amp synchronized; 1/12 hp.
Cylinder Holder	Spring-loaded.
Shaking Mechanism	8" (203 mm) stroke; 175 strokes/minute (+/- 2 strokes).
Timing Circuit	Built-in; 45 seconds, 10 minute and continuous run.
Dimensions	19.5" w. x 14" d. x 17" h. (495 x 356 x 432 mm) with holder.
Weight	Net 50 lbs. (23 kg).

Spares/Consumables



Sand Equivalent Cylinder

Code: [24-4917/10](#)



6" Compression Pads 70 Durometer

Code: [34-6134/12](#)

Product Group: [Concrete Capping Pads and Retainers](#)

Set of 2.

Standards

ASTM C1231, AASHTO T22

Further Information

Capping Pads with Retainers can only be used on compression testers with a vertical daylight opening of 14-1/2" (368 mm) between platens

Specification

Capping Pads.

Tough elastometric material; 60 durometer pads may be used on any strength concrete; however, the longevity is lowered when used on cylinders in excess of 5,500 psi. 70 durometer pads should be used only on cylinders where concrete is 4,500 psi or higher.

Retainers.

Weights.

Machined, high alloy steel

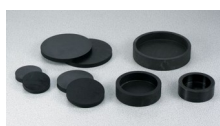
Pads: Net 8 oz. (227 g) ea.

Retainers:

4" (102 mm) Net 4 lbs. (1.8 kg) ea.

6" (152 mm) Net 8 lbs. (3.6 kg) ea.

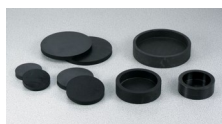
Accessories



6" Retaining Caps

Code: [34-6134](#)

Alternatives



4" Compression Pads 60 Durometer

Code: [34-6132/10](#)



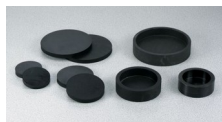
4" Compression Pads 70 Durometer

Code: [34-6132/12](#)



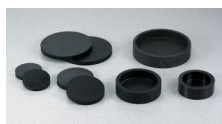
4" Cylinder Capper

Code: [34-6095](#)



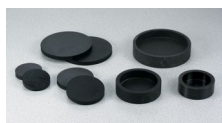
4" Retaining Caps

Code: [34-6132](#)



6" Compression Pads 60 Durometer

Code: [34-6134/10](#)



6" Compression Pads 70 Durometer

Code: [34-6134/12](#)



6" Cylinder Capper

Code: [34-6093](#)



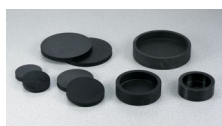
Capping Compound Warming Pots 110vAC

Code: [34-6125/02](#)



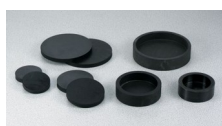
Capping Compound Warming Pots 220vAC

Code: [34-6125/01](#)



Cylinder Capping Set

Code: [3000/01](#)



Cylinder Capping Set

Code: [3000/02](#)



Flake Capping Compound to ASTM C617 22Kg

Code: [34-6100](#)



6" Retaining Caps

Code: 34-6134

Product Group: Concrete Capping Pads and Retainers

Set of 2.

Standards

ASTM C1231, AASHTO T22

Further Information

Capping Pads with Retainers can only be used on compression testers with a vertical daylight opening of 14-1/2" (368 mm) between platens

Specification

Capping Pads.

Tough elastometric material; 60 durometer pads may be used on any strength concrete; however, the longevity is lowered when used on cylinders in excess of 5,500 psi. 70 durometer pads should be used only on cylinders where concrete is 4,500 psi or higher.

Retainers.

Machined, high alloy steel

Weights.

Pads: Net 8 oz. (227 g) ea.

Retainers:

4" (102 mm) Net 4 lbs. (1.8 kg) ea.

6" (152 mm) Net 8 lbs. (3.6 kg) ea.



4" Retaining Caps

Code: [34-6132](#)

Product Group: [Concrete Capping Pads and Retainers](#)

Set of 2.

Standards

ASTM C1231, AASHTO T22

Further Information

Capping Pads with Retainers can only be used on compression testers with a vertical daylight opening of 14-1/2" (368 mm) between platens

Specification

Capping Pads.

Tough elastometric material; 60 durometer pads may be used on any strength concrete; however, the longevity is lowered when used on cylinders in excess of 5,500 psi. 70 durometer pads should be used only on cylinders where concrete is 4,500 psi or higher.

Retainers.

Weights.

Machined, high alloy steel

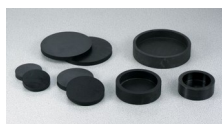
Pads: Net 8 oz. (227 g) ea.

Retainers:

4" (102 mm) Net 4 lbs. (1.8 kg) ea.

6" (152 mm) Net 8 lbs. (3.6 kg) ea.

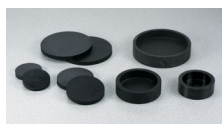
Accessories



6" Retaining Caps

Code: [34-6134](#)

Alternatives



4" Compression Pads 60 Durometer

Code: [34-6132/10](#)



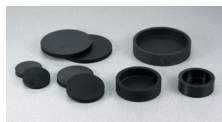
4" Compression Pads 70 Durometer

Code: [34-6132/12](#)



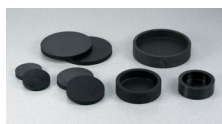
4" Cylinder Capper

Code: [34-6095](#)



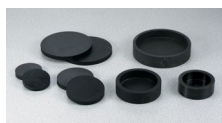
4" Retaining Caps

Code: [34-6132](#)



6" Compression Pads 60 Durometer

Code: [34-6134/10](#)



6" Compression Pads 70 Durometer

Code: [34-6134/12](#)



6" Cylinder Capper

Code: [34-6093](#)



Capping Compound Warming Pots 110vAC

Code: [34-6125/02](#)



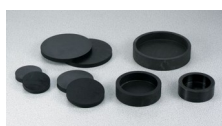
Capping Compound Warming Pots 220vAC

Code: [34-6125/01](#)



Cylinder Capping Set

Code: [3000/01](#)



Cylinder Capping Set

Code: [3000/02](#)



Flake Capping Compound to ASTM C617 22Kg

Code: [34-6100](#)



Digital Thermometer

Code: [88-4420](#)

Product Group: [Digital Thermometers](#)

Specification

Range	-100 to 999°F (-73 to 537°C)
Accuracy	±0.5°F (±0.3°C) over full range at ambient temperatures 68 to 86°F (20 to 30°C). NIST traceability certificate supplied.
Resolution	0.1° or 1° (selectable).
Enclosure	Rugged ABS plastic construction; IPX7 waterproof rated
Power	2x AAA 1.5V alkaline batteries
Display	LCD backlit display.
Dimensions	6.5" x 2.1" x 1.25" (165 x 53 x 32 mm)
Weight	Net 5 oz. (142 g).

Accessories



Heavy-Duty Needle Probe

Code: [88-4420/12](#)



Surface Temperature Probe

Code: [88-4420/14](#)

Alternatives



Digital Pocket Thermometer

Code: [88-4434](#)



Pistol-Grip Infrared Thermometer

Code: [88-4400](#)



Heavy-Duty Needle Probe

Code: [88-4420/12](#)

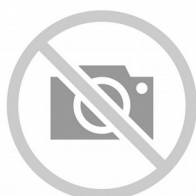
Product Group: [Digital Thermometers](#)

260°C (500°F) max. temperature.

Specification

Temperature Range	-40 to 500°F (-40 to 260°C)
Response Time	5 sec, liquid
Weight	5 oz. (142 g)
Retractable Cable	48" (1.2 m) extended, 12" (305 mm) retracted

Accessories



Surface Temperature Probe

Code: [88-4420/14](#)

Alternatives



Surface Temperature Probe

Code: [88-4420/14](#)



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](#)