

MOLD AND PLUNGERS



For measuring the compressive strength of bituminous mixtures. The set consists of a steel mold (available in three sizes 2", 3" and 4" ID), 7" long, upper and lower plungers with removable, hardened and ground, tool steel face and two steel support bars. Mold and plungers are machined to very close tolerances.

MODELS	DESCRIPTION	STANDARDS
B8441	MOLD AND PLUNGERS, 2" ID	ASTM D-1074
B8443	MOLD AND PLUNGERS, 3" ID	
B8445	MOLD AND PLUNGERS, 4" ID	

ACCESSORIES	DESCRIPTION
B8442	EXTRA MOLD, 2" ID
B8444	EXTRA MOLD, 3" ID
B8446	EXTRA MOLD, 4" ID

MOISTURE EXUDATION INDICATOR



Used in California Test Method No. 301-B for the determination of exudation pressure from R-Value test specimens of untreated, treated, or aggregates. The apparatus consists of a contact plate with cord, an instrument case with indicating lamps, battery power supply, and two phosphor bronze spring tampered perforated discs. The Expansion Pressure Device tests for R-Value and expansion pressure of compacted soils. The set consists of a stainless steel mold, 4" ID, 5" high; frame with turntable, specimen height measuring device and calibrated steel bar, perforated disc stem, dial gage and holder and lever type calibrating device.

MODELS	DESCRIPTION	STANDARDS
B8821	MOISTURE EXUDATION INDICATOR, 110V / 60 Hz	CA-301B
B8851	MOISTURE EXUDATION INDICATOR, 220V / 50 Hz	

WATER BATHS

The **B9109** & **B9110** are thermostatically controlled and fully insulated water baths which are capable of heating up to twelve 4" diameter Marshall specimens at a time. Shelf supports molds to allow water to surround 2" above and below the molds. The exterior and tank are constructed from stainless steel. The I.D. of the tanks are 11-1/2" x 19-1/2" x 8" deep and has a capacity of 7.76 gal (29.398 liters). The **B9118** & **B9118E** are similar except that they are equipped with a magnetic circulator. The fully insulated **B9118A** Water Bath is controlled by a microprocessor for accuracy to 0.1% of input span. The dual digital displays simultaneously shows set point and process temperature. Samples are supported by a shelf which allows free circulation of 2" of water above and below. All exposed parts are stainless steel. The **B9118B** Extra Large Capacity Water Bath is ideal for the larger samples used in Superpave and Marshall test applications. The bath features a microprocessor-based digital controller with built-in magnetic circulator for precise temperature control. The **B9119** & **B9119E** are economical water baths which heat up to eight molds and also feature an automatic thermostatic control. The I.D. of these tanks are 11-1/2" x 19-1/2" x 8". ALL MODELS EXCEPT THE **B9119** & **B9119E** MEET ASTM D-1559 SPECIFICATIONS.



B9110-B9118E



B9119 & B9119E

MODELS	DESCRIPTION	RANGE	CAPACITY
B9109	WATER BATH, 120V / 60 Hz	A-150° F (65.5° C)	7.76 GAL
B9110	WATER BATH, 220V / 50 Hz		
B9118	WATER BATH W/ CIRCULATOR, 120V / 60 Hz		
B9118E	WATER BATH W/ CIRCULATOR, 220V / 50 Hz		
B9118A	WATER BATH W/ MICRO-PROCESSOR TEMP CONTROL, 110V / 60 Hz	A-180° F (82° C)	14 GAL
B9118B	WATER BATH, LARGE CAPACITY W/ CIRCULATOR, 110V / 60 Hz	150 - 500° F (65 - 160° C)	4.5 GAL
B9119	ECONO WATER BATH 150- 500° F, 120V / 60 Hz		
B9119E	ECONO WATER BATH 150- 500° F, 220V / 50 Hz		