

VOLUMETERS

These volumeters are used for making specific gravity determinations of compressed bituminous mixtures as specified by Pennsylvania Highway Department. Aluminum containers and tops are treated to provide maximum corrosion resistance, except **B5565** which is Plexiglas with an aluminum top. Repeatability ± 0.2 gm, with distilled water at 77° F.



B5565

B5562

B5561

MODELS	DESCRIPTION	DIMENSIONS
B5561	VOLUMETER, 2500 G	5-3/8" X 3-1/8"
B5562	VOLUMETER, 6000 G	7-3/8" X 4"
B5565	VOLUMETER, 8500 G	7-1/2" X 6"

SAYBOLT® VISCOSIMETER

The constant temperature Saybolt Viscosimeter is useful for determining empirical measurements of saybolt viscosity of petroleum products. The viscosimeter is available in 2-unit (**B6511** & **B6512**) and 4-unit (**B6521** & **B6522**) models. The 4-unit is also available in a high temperature models (**B6534** & **B6535**). Temperature control range is from 60°-220° F and 125°-450° F for the high temperature models. The bath temperature is controlled by a thermoregulator and an electronic relay circuit. The externally mounted motor drives the stainless steel propeller stirrer, ensuring thorough circulation of oil. The cooling coil is constructed of copper with inlet and outlet base connections on bath cover. The base has adjustable stainless steel flask guides to locate 60 cc receiving flasks in proper positions. The bath is constructed of polished stainless steel.



MODELS	DESCRIPTION	POWER	TYPE	RANGE	STANDARDS
B6511	SAYBOLT VISCOSIMETER	120V / 60 Hz	2-UNIT	60-220° F	ASTM D-88 D-244, E-102 AASHTO T-72
B6512		220V / 50 Hz			
B6521		120V / 60 Hz	4-UNIT		
B6522		220V / 50 Hz			
B6534		120V / 60 Hz			
B6535		220V / 50 Hz			

ACCESSORIES	DESCRIPTION
B6541	TUBE, BRASS W/ ST. STL. UNIVERSAL ORIFICE
B6542	TUBE, BRASS W/ ST. STL. FUROL ORIFICE
B6543	TUBE, BRASS W/ ST. STL. UNIVERSAL & FUROL ORIFICE
B6545	ST. STL. UNIVERSAL ORIFICE
B6546	ST. STL. FUROL ORIFICE
B6551	TUBE, ST. STL. W/ ST. STL. UNIVERSAL ORIFICE
B6552	TUBE, ST. STL. W/ ST. STL. FUROL ORIFICE
B6553	TUBE, ST. STL. W/ ST. STL. UNIVERSAL & FUROL ORIFICE
B6565	TUBE WRENCH
B6566	ORIFICE WRENCH
B6571	FLASK, PYREX, 60 ML
B6575	PIPETTE, W/ BULB

DISTILLATION WATER IN EMULSIFIED ASPHALT

The **B6721** emulsified asphalts distillation apparatus accurately determines representative portion of residue in emulsified asphalts. The set contains a ring burner, adapter, bent glass tube, funneled tube, tube shield, condenser, aluminum still, two thermometers (**B7411** or **B7401**) graduated cylinder, burner, clamps, clamp holders, support stands and support shelf. The **B6701** emulsified asphalts water content distillation apparatus is the same as the **B6721** except that it is supplied with a smaller still and only one **B7411** thermometer.

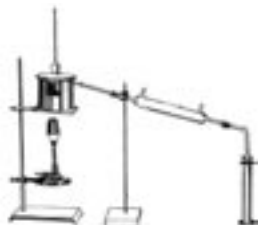


MODELS	DESCRIPTION	STANDARDS
B6701	DISTILLATION SET, GAS TYPE, SMALL STILL	ASTM D-244 / AASHTO T-59
B6721	DISTILLATION SET, GAS TYPE, LARGE STILL	

ACCESSORIES	DESCRIPTION
B6705	SMALL STILL, 3-1/2 X 6"
B6725	LARGE STILL, 3-3/4" X 9-1/2"
B7401	DISTILLATION THERMOMETER, -2-300° C, ASTM 7C
B7411	DISTILLATION THERMOMETER, 30-580° F, ASTM 7F

DISTILLATION SET ASPHALT

This distillation apparatus is used with cutback asphaltic (bituminous) products. It determines residue content and separates volatile and nonvolatile cutback asphaltic products. The set is furnished with a flask, condenser, adapter, distillation shield, flame shield, thermometer (**B7391**), graduated cylinder, burner, clamp, support ring, support stand, support shelf and wire gauze.



MODELS	DESCRIPTION	STANDARDS
B6711	DISTILLATION SET, ASPHALT	ASTM D-402 / AASHTO T-79

ACCESSORIES	DESCRIPTION
B6762	EXTRA STILL, COPPER

WATER IN PETROLEUM DISTILLATION SET

Gas heated apparatus determines water content in petroleum products and other bituminous materials. The set is furnished with a tar still, ring burner, clamps, condenser, 20 ml distilling receiver trap with stopcock and support stand with rod. The **B6771** and **B6772** are the same as the **B6761** except they are powered by a 0 to 750W electric rheostat heater and also is furnished with a flask. The electric sets are also not furnished with the tar still and ring burner.



MODELS	DESCRIPTION	STANDARDS
B6761	WATER IN PETROLEUM DISTILLATION SET, GAS	ASTM D-95 D-244, E-123 / AASHTO T-55, T-59
B6771	WATER IN PETROLEUM DISTILLATION SET, 110V / 60 Hz	
B6772	WATER IN PETROLEUM DISTILLATION SET, 220V / 50 Hz	

ACCESSORIES	DESCRIPTION
B6762	EXTRA STILL, COPPER