

LABORATORY PENETROMETER W/ TIMER

This unit is an automated version of the **B4401** penetrometer. The electric penetrometer comes equipped with a digital timer and release mechanism. The timer can be set from 0.1 of a second to 9.9 seconds in increments of 0.1 seconds. The plunger is released by pushing a button and is automatically stopped after the preset time interval is achieved. The unit is available in both 110V/60Hz and 220V/50Hz models (please specify model needed).



MODELS	DESCRIPTION	STANDARDS
B4402	LABORATORY PENETROMETER W/ TIMER, 110V / 60 Hz	ASTM D-5, D-217, D-937, D-1168, D-1191, D-1321, D-1403, D-1831, D-1855 / AASHTO T-49, T-187 / FED SPECS. SS-R-406
B4402	LABORATORY PENETROMETER W/ TIMER, 220V / 50 Hz	

ACCESSORIES	DESCRIPTION
B4405	NEEDLE, ASTM TYPE, W/ SHANK
B4406	NEEDLE, CERTIFIED, W/ SHANK
B4408	TRANSFER DISH
B4411	CONE BRASS, STAINLESS STEEL
B4412	CONE, STAINLESS STEEL

FIELD PENETROMETER

This unit is a lightweight portable field version of the lab penetrometer. The micrometer adjusts for both accurate and coarse readings. The instrument is easily disassembled. The unit is furnished with one additional 50 gram weight and standard ASTM needle.



MODELS	DESCRIPTION	STANDARDS
B4421	FIELD PENETROMETER	ASTM D-5, D-217, D-937, D-1168, D-1191, D-1321, D-1403, D-1831, D-1855 / AASHTO T-49, T-187 / FED SPECS. SS-R-406

ACCESSORIES	DESCRIPTION
B4405	NEEDLE, ASTM TYPE, W/ SHANK
B4406	NEEDLE, CERTIFIED, W/ SHANK
B4408	TRANSFER DISH
B4411	CONE BRASS, STAINLESS STEEL
B4412	CONE, STAINLESS STEEL

RING AND BALL SET (GAS TYPE)



For determining the softening point of asphalt (bitumen) and tar. Set includes burner, beaker, support stand with one ring, wire gauze with asbestos center, thermometer clamp, shouldered ring and stem and hardened steel ball. Softening point thermometer (**B7617** or **B7618**) not furnished with set.

MODELS	DESCRIPTION	STANDARDS
B5021	RING AND BALL SET (GAS TYPE)	ASTM D-36, D-2398 / AASHTO T-53