

GROUT FLOW CONE

The **C2650** (3/4" orifice) & **C2651** (1/2" orifice) Grout Flow Cone are for laboratory and field use in determining flow of grout mixtures by measuring the time of discharge of a specified volume of grout from a standardized flow cone. The flow cone is cast aluminum and is furnished with an adjustable point gauge. Overall dimensions are 8" dia. x 12" H. The **C2653** (1/2" orifice) & **C2654** (3/4" orifice) are constructed from unbreakable polyethylene which is economical and easy to clean. The polyethylene flow cones are also furnished with a stainless steel discharge tube, steel ring stand, point gauge fluid level indicator, and instructions.



C2650



C2652



C2654 & C2653

MODELS	DESCRIPTION	SIZE	STANDARDS
C2650	GROUT FLOW CONE ALUMINUM	3/4"	ASTM C-939
C2651		1/2"	
C2654	GROUT FLOW CONE POLYETHYLENE	3/4"	
C2653		1/2"	

ACCESSORIES	DESCRIPTION
C2652	SUPPORT STAND FOR C2650 & C2651
C2655	POLYETHYLENE FLOW CONE
C2656	STEEL RING STAND FOR C2653 & C2654
C2657	POINT GAUGE FLUID LEVEL INDICATOR FOR C2653 & C2654

MORTAR PENETROMETER

The **C2701** Field Mortar Penetrometer is used for determining the setting time of concrete mixtures by penetration resistance. The penetrometer is a spring dynamometer with a scale on the stem which is graduated to 100 x 2 lbs with each circular division 10 lbs. The device is furnished with six needles (1, 1/2, 1/4, 1/10, 1/20, 1/40 sq. in) and a reinforced carrying case. Replacement resistance needles are available. The **C2705** Laboratory Mortar Penetrometer is hydraulic and is designed for the Federal Highway Department. This mortar penetrometer is furnished with an arbor press type stand, hydraulic cylinder, gauge and six stainless steel needles. The loads are applied hydraulically with pressures read on a 200 lbf capacity gauge graduated in 2 lbf reading. The penetrometer features a cast aluminum base.



C2701



C2705

MODELS	DESCRIPTION	STANDARDS
C2701	MORTAR PENETROMETER, FIELD	ASTM C-403 / AASHTO T-197
C2705	MORTAR PENETROMETER, LABORATORY	

CONCRETE POCKET PENETROMETER



The **C2711** Concrete Pocket Penetrometer is used for determining the setting time of concrete mixtures by penetration resistance. When poured concrete reaches 500 psi the initial set or semi-hardened, partially-hydrated condition is reached when it can no longer be worked or consolidated by vibration. The **C2711** gives instant field or laboratory estimates of concrete at a constant rate to 1" marked depths. The plunger has an area of 2 in² and the 2-1/4" dia. dial is graduated both from 0-700 psi and 0-50 kg/cm². Readings are locked until released by a side button. Also furnished is a carrying case.

MODELS	DESCRIPTION	STANDARDS
C2711	CONCRETE POCKET PENETROMETER	ASTM C-403