

LOS ANGELES ABRASION TESTING MACHINE



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Used to determine the resistance to wear of small size of coarse aggregates and crushed rock.

AIC-LAT-700 LOS ANGELES ABRASION TESTING MACHINE

The machine consist of a hollow cylinder of Steel, closed at both ends, having an inside Diameter of 700mm and inside length of 500mm. The opening shall be closed dust tight with a removable bolted cover in place. A detachable shelf, which extends through the drum catches the abrasive charge and does not allow it to fall on the cover. The drum is rotated at a speed of 30-33rpm by an electric motor through a heavy-duty reduction gear. It is fitted with counter and starter. A tray for collection of the material and set of 12Nos. hardened steel balls of 48mm Diameter and each weigh between 390-445gm will be supplied with the machine. Fitted with 1 HP, 1440 RPM Motor, Suitable for operation on Three Phase, 440 Volts, 50 Hz.

PULVERISER

Laboratory Pulveriser is a disc type grinder, designed for grinding material to produce a fine mesh sample in one operation. It is a self contained grinder furnished with a rotating disc having a planetary movement in a vertical plane. This feature gives added life to the wearing parts and delivers a product to uniform fineness.

The pulveriser will reduce 1 pounds sample of quartz type material to 100mesh in 1 minute. Maximum feed size is ¼ inch grinding is done between two discs, one of which is stationary and the other revolving eccentrically at high speed. The apparatus is supplied with heat treated disc of 7 inches in diameter B9 adjustment for size of product may be made by use of a convenient hand wheel while the machine is in operation or at rest. A self-locking device holds the hinged grinding chamber in place and affords easy and quick access to the grinding chamber for removal of ground samples and for cleaning.



AIC-PUL-175 PULVERISER

The pulverizer is supplied complete with a 3 H.P. motor, starting switch, V-belt pully drive and mounting. Electrical requirements are 440 volts, 3 phase A.C.

Disc diameter	:	175mm.
Maximum feed size	:	8 mm (approx) Size of finished.
Product	:	72 mesh(212 microns).

LABORATORY JAW CRUSHER



Jaw Crusher is designed to speed up the crushing of aggregate, ores, minerals, coal, cock, chemicals and other similar materials. It is compact and of rugged construction for general laboratory or small pilot plant operations.

Two jaws of manganese steel are provided in the jaw crusher. The moveable jaw produces two blows for every revolution, thus reducing over sizing to a minimum. A combination of forward and downward and strokes with a rocking action exerts pressure on the jaws. A hopper is provided at the top for feeding materials. The smooth jaws ensure a uniform product and easy cleaning is possible.

Complete with 3 HP, 440V, 3Phase, 50Hz Electric Motor, Starter, Triple 'V' belt pulley drive and mounting frame.

PARTICULAR	AIC-LJC-100150	AIC-LJC-150200	AIC-LJC-200300
Maximum size of feed	50mm (approx).	25-75mm (approx).	50-100mm (approx).
Product discharge Size	6 to 18mm (adjustable).	12 to 25mm (adjustable).	12 to 30mm (adjustable).
Capacity (Depends upon material).	80kg/hr. approx.	250kg/hr approx.	400kg/hr approx.