

Product Name :

Jaw Crusher

Product Code :

ALABS-A155-027

**Description :****Jaw Crusher**

Jaw Crusher is designed to speed up the crushing of aggregates, ores, minerals, coke, chemicals and others similar materials. It is compact and of rugged construction for general laboratory or small pilot plant operations. The set-up contains two Jaws of hard steel with one Jaw stationary and other moving. The movable jaw produces blows for every revolution reducing over sizing to a minimum. A combination of forward and downward strokes with a rocking action exert pressure on the coarser materials yet permits the finished materials to pass through the jaws. A hopper is provided at the top for feeding material. The smooth jaws ensure a uniform product and easy cleaning is possible. The opening of the Jaw is adjustable. The motor is coupled to the machine through Triple `V' belt drive.

Experimentation:

- To determine the efficiency of the Crusher for crushing a material of known working index.

Utilities Required :

- Raw Material for Feed.
- Electric Supply : Single phase, 220 V AC, 3 kW.
- Set of Sieves with Sieve Shaker for analysis.
- Floor area 1.5 x 1m

Technical Details :

Material Chilled Steel

: Dia. 200mm, Width 100mm. (approx.)

Drive 1HP motor coupled with Reduction Gear Box to give 48-70 RPM

Feed Capacity.

Max Feed Size

Product Size

Control Panel Comprises

of :

Energy Measurement meter.

Switch, Single Phase,

MCB overload protection.

Instruction manual will be provided along with the Apparatus

The set-up is fitted with required guards and product collection tray.

The whole set-up is well designed and arranged in a good quality painted structure



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