

Roll Crusher



Product Categories: [Engineering Equipment](#), [Mechanical Operation Lab](#)

Product Page: <https://www.labappara.com/product/roll-crusher/>

Product Description

Roll Crusher

Description :

The lab setup is used to crush different sample and material. Two heavy smooth faced chilled metal rolls turning on parallel horizontal axes are the working elements of the roll crusher. A hopper is provided at the top for feeding the material. Particles of feed caught between the rolls are broken in compression and drop out below. The rolls turn towards each other at the same speed. They have relatively narrow faces and are larger in diameter so that they can nip moderately large lumps. Loading bolts are provided for safety. The maximum size of the product is approximately equal to gap between the rolls & it can be adjusted by loading bolts.

Technical details:

Rolls : material chilled steel

Dia. 200 mm, width 100 mm. (approx.)

Drive : 2 hp motor coupled with reduction gear box

To give 48 - 70 rpm

Feed hopper: suitable capacity.

Max feed size: 6-8 mm.

Product size: 1-2 mm.

Control panel comprises of :

Energy measurement: electronic energy meter.

Starter : 2 hp, single phase,

Mcb: for overload protection.

Instruction manual : an english 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.

Control panel:

Standard make on/off switch, mains indicator etc.