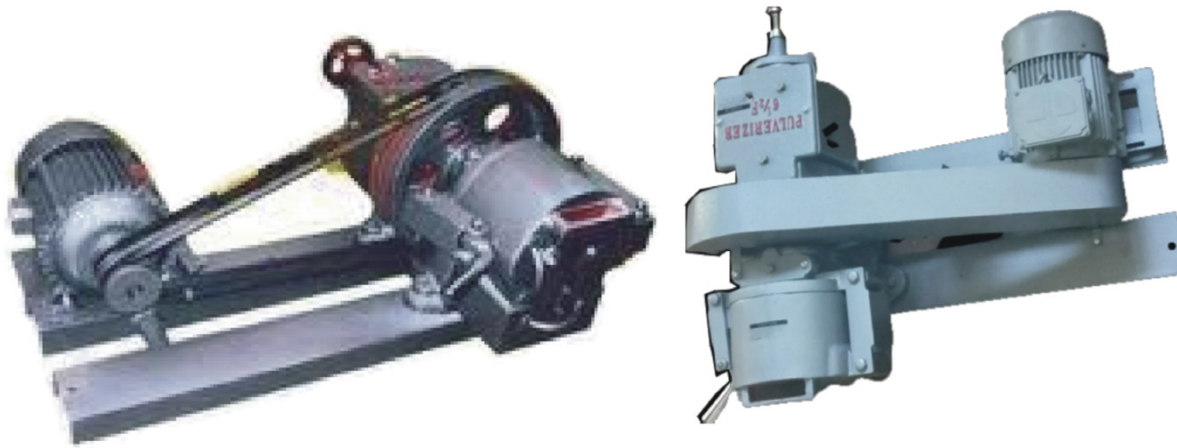


Laboratory Horizontal Disc Pulverizer

LHDP



SORAJ INSTRUMENTS Offers Laboratory Pulverizer For Various R&D Sector, Laboratories, Educational Institute & Pharmaceutical Industries for fast crushing of aggregates, Ores, minerals coal, coke, chemicals and other similar materials. It is compact and of rugged construction For general laboratory or small pilot plant operations. Pulverization is a process in which the material is to be crushed between high speed Moving Beaters & serrated liner. This is done with the impact between rapidly moving beaters & the Particle. Due to the inertia, the energy of the rapidly moving beaters dissipating itself into The particles and reduces the size of the particles. Pulverizer is a disc type grinder. Designed to grind virtually any Materials to produce a fine Mesh sample in one operation. It is a Self contained grinder, with a rotary disc having a planetary Movement in a Horizontal plane. Grinding is done between two Discs one stationery and the other Revolving eccentrically at High speed. The disc are made of Manganese steel With the Help of a convenient hand wheel, the size of the final Product can be adjusted. This can be done Even while the machine is in Operation. A self locking device holds the hinged grinding Chamber In place and Affords easy and quick access to it. For removal of ground samples and for cleaning. The pulverizer has a capacity of reducing about half of a Kilogram of a quarts type Sample to 100 meshes in about a minute. The pulverizer is fitted with 3 ph 3 H.P. Motor attached With Gear Box Driven By Belt Pully System.

Sl. No.	Parameter	Variants
1	Application of Use	• To Fine grind Minerals & Ores
2	Auxiliary Supply	• 3 Phase, 440V AC, 50Hz.
3	Feed Size Range	• 3 to 10mm
4	Finished Products Size	• Up to 100Mesh
5	Yield	• 10Kg. / Hr.
6	Disc Diameter & Material	• 7" / 175mm, Manganese Steel
7	Motor Capacity	• 3HP, 3 Phase

Ordering Information For Model Selection:-

LHDP	1	2	3	4	5
	Feed Size	Output Size	Motor Capacity	Disc Diameter	Other Details If Any
	"310" For 3 to 10 mm	"80100" For 80 to 100mesh	"3P3HP" For 3 Phase 3 HP Motor	"7" For 7" Diameter	

Example:-

LHDP	310	80100	3P3HP	7	SJ
	Feed Size	Output Size	Motor Capacity	Disc Diameter	Other Details If Any
	"310" For 3 to 10 mm	"80100" For 80 to 100mesh	"3P3HP" For 3 Phase 3 HP Motor	"7" For 7" Diameter	

* Due to continuous development & improvements in design, we reserve the right to change the specification without notice



SORAJ INSTRUMENTS & CONTROL ENTERPRISE

(An ISO 9001:2015 & 14001:2004 Certified & NSIC Approved Company)

Address: Shed-B1, Durgapur Industrial Estate, (The WBSIDCL), Phase-I, J.P.Avenue, Durgapur, West Bardhaman-713212

Contact: 09830469233, 09233392111, 8945531600

Email: sorajcontrol@gmail.com, admin@soraj.co.in, accounts@soraj.co.in

web: www.soraj.co.in