



SAHARANPUR TESTING INSTRUMENTS PVT LTD

**Manufacturer & Suppliers of All Kind of Pulp, Paper, Board, Tissue,
Packaging, Converting & General Testing Instrument for Laboratory**

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Laboratory Hydra Pulper



Lab Hydra Pulper

Usage : for pulping of dry pulp sample in laboratory scale .

Definition : The laboratory hydra pulper is used for the de-fibreing of the virgin and secondary fiber in laboratory trial of different raw material for making pulp to measure properties, before making commercial production . A suitable and standard apparatus for making pulp, minerals fibres pulp like mica, asbestos etc.

Device Description : the unit consists of a pulping container with a rotor at the bottom driven by a V belt in the lower part of the unit . the electric motor has an adjustable frequency convertor to regulate the rotational speed . a ball valve at the bottom drains the pulp . an acrylic cover prevents injuries during the pulping process . A smaller opening in the cover allows extra content during pulping.

Test Description : the pulp is torn out by hand into about 2 x 2 cm large pieces and soaked with water , then the pulper is activated to mix the pulp and take apart the single fibres without destroying their structures to a homogenous suspension

Specifications :

Container capacity:	10, 30 & 50 litres.
Consistency:	5% maximum (Higher consistency pulper is also available consistency range upto 35%)
Speed:	500 RPM.
Belts:	Propeller V-Belts drive and a circulates the stock effectively to disintegrate material rapidly
Glass Wool:	Stainless Steel 316 vessel duly insulated with Glass Wool
Power Supply	Electric Motor 3 Phase 440V, AC.

Delivery Content :

Consumables :

Service and Startup :