

Shivaji University, Kolhapur

Department of Technology

Package Code	Package Name	Items	Description of Works/Goods	Qty	Method of Procurement
TEQIP-II/MH/MH1G05/46	Mechanical Operation/ Particulate Technology	Jaw Crusher	q Jaw: Size 100 x 150mm. q Feed Hopper: Suitable capacity. q Feed Size : 50mm (approx.) q Product Discharge Size: 5mm to 15mm. q Drive : Electric motor, 3 HP, Single phase, q Control Panel Comprises of	1	Shopping
		Spray Dryer	Main benefit :for minimal sample quantities, submicron particles and highyieldsParticle size 300 nm – 5 µmEvaporation capacity (water) 0.2 kg/h, higher for organics olvents	1	
		Rod Mill	q Rod Mill : Material MS Dia 275mm, Length 350mm. Thickness 5 mm. q Discharge Chute: Suitable size. q Drive : ½ HP motor coupled to Reduction Gearbox & 3 step pulley to get 40, 50 and 60 RPM (Approx.) q Revolution Counter: Mechanical type. q Product receiver: Material Stainless Steel of suitable size. q Control Panel Comprises of	1	

		<p>Fluidized Bed Heat Transfer Unit</p>	<p>q Column : Material Borosilicate Glass q Heater : Made of Nichrome Wire q Orificemeter & manometer to measure air flow rate q Control panel comprising of Digital Temperature Controller : 0 to 199.9oC Digital Temperature Indicator : 0 to 199.9oC, with multi channel switch Temperature sensors : RTD PT-100 type. With standard make on/off switch, Mains Indicator etc. q The whole set-up is well designed and arranged on a good quality painted structure.</p>	<p>1</p>	
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