

**Product Name :**  
 Closed Circuit Kaplan Turbine Test Rig

**Product Code :**  
 Fluid Machinery0003



**Description :**

Closed Circuit Kaplan Turbine Test Rig

**Technical Specification :**

Type	: Axial Flow Reaction Turbine
Capacity	: 15 HP
Rated Speed	: 1500RPM
Discharge Capacity	: 4000 Liter/Minute
Supply Head	: 7 Meters
Guide Vanes	: Cast Metal Vanes (Standard Blade Design)
B. Loading	Rope Brake
Material	: Cast Iron
Drum Size	: 300 mm diameter
C. Supply Pump Set	
Size	: 10' X 10'
Discharge	: 3000 Liter/Minute
Total Head	: 8 Meters

Motor Capacity	: 20 HP
Starter for Motor	: Star Delta Compton Make
D. Flow Measurement	
Material	: C.I Body
Manometer Fluid	: Mercury
E. Pressure Measurement Pressure & Vacuum gauge	
F. RPM Indicator	: Digital
G. Dump Tank	
Material of Construction	: MS Powder Coating, M.S. FWP Lining/SS Lin
Service Required	: Electrical supply-7.5 HP, 3Phase, 440 Volt, 50Hz AC Supply
5 HP CAPACITY:	
A. Kaplan Turbine	
Type	: Axial Flow Reaction Turbine
Capacity	: 2 HP
Rated Speed	: 1020RPM
Discharge Capacity	: 2500 Liter/Minute
Supply Head	: 7 Meters
Guide Vanes	: Gun Metal Vanes (Aeroloid Blade Shape)
B. Loading	
Material	: Cast Iron
Drum Size	: 200 mm diameter
C. Supply Pump Set	
Size	: 6" X 6"
Discharge	: 2500 Liter/Minute
Total Head	: 10 Meters
Motor Capacity	: 7.5 HP
Make	: CRISignia/Combuson
Starter for Motor	: DOL-TC-Compton Make
D. Flow Measurement	
Material	: C.I Body
Manometer Fluid	: Mercury
E. Pressure Measurement Pressure & Vacuum gauge	
F. RPM Indicator	: Digital
G. Dump Tank	

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Material of Construction	MS Powder Coating MS FFP LivingCS Unit
Service Required	Electrical supply 7.5 HP, 3Phase, 440 Volts, 50HZ AC Supply

# LAB ENGINEERING

Elab Engineering Equipments Manufacturers