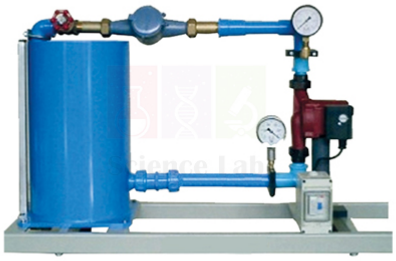
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Product Name :

Submersible Pump Test Rig

Product Code :

SLE/MCE/48



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Description :

Submersible Pump Test Rig (Product Code: SLE/MCE/48) is a variable-speed pump test set-up used to determine the head, flow and speed characteristics of a submersible pump in mechanical engineering and polytechnic laboratories. It handles up to 70 lpm and 7 m head, with a suction vacuum gauge, a delivery pressure gauge, a proximity-sensor RPM indicator and a measuring tank for timed flow readings. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Pump	Self-priming submersible pump
Speed	Variable
Drive (as listed)	DC motor with thyristor-controlled DC drive; an asynchronous motor with frequency converter is also described — confirm the drive typeat quotation
Maximum flow rate	70 lpm
Maximum head	7 m
Power rating	0.75 kW
Head adjustment	Ball valve on the outlet side
Pressure measurement	Vacuum gauge/sensor on the suction line; pressure gauge/sensor on the delivery line
Speed measurement	RPM indicator with proximity sensor
Flow measurement	Measuring tank and stopwatch
Power supply	230 V, 1 phase, 50 Hz
Dimensions	1000 x 500 x 700 mm
Weight	Approx. 80 kg
Product code	SLE/MCE/48
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Submersible Pump Test Rig Used For?

Submersible pumps are the workhorses of borewells, sumps and dewatering jobs, and engineers need to know how their delivery changes with head and speed. On this rig students close the outlet ball valve in steps to raise the head, and at each setting record suction vacuum, delivery pressure, pump speed and the time taken to fill a known volume in the measuring tank.

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