Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Motor Cycle Dynamometer Test Bench

Product Code :

SLE/MCE/55



Science Lab
Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Motor Cycle Dynamometer Test Bench (Product Code: SLE/MCE/55) is a roller-type chassis test bench used to run and test a complete motorcycle in place, under controlled conditions, in automotive workshops and two-wheeler training labs. Built on a monobloc 3 mm steel chassiswith a chequer plate deck, it has a pneumatic automatic wheel clamp that lets one person load abike without straps. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of engineering lab equipment in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Chassis	Monobloc chassis in 3 mm steel with chequer plate deck
Roller	Non-slip chrome roller with groove for alignment check, with safety brake
Wheel clamp	Pneumatic automatic wheel clamp; no straps required; one-person loading
Frame alignment check	Possible with the automatic wheel clamp and grooved roller together
Sensors	Wheel speed sensor and roller speed sensor
Access ramp	Integral folding ramp that doubles as a safety barrier
Cooling	Engine cooling fans and rear tyre cooling fan; fan outlets for engine and exhaust pipes, rear tyre, motorcycle brake and silencers
Exhaust extraction	Exhaust gas extraction fan; cover plates for exhaust extraction inlets
Fan housing	All cooling and extraction fans housed within the chassis
Electric starter control	Optional
Test scope	Application-specific tests, from individual engine unit tests to vehicle tests
Dimensions	1600 × 900 × 1200 mm
Weight	280 kg (approx.)
Product code	SLE/MCE/55
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Motorcycle Dynamometer Test Bench Used For?

The motorcycle is wheeled up the folding ramp, the pneumatic clamp holds it in position and the driven wheel turns the chrome roller, so the engine can be run through its gears while the machine stays in place. Wheel and roller speed sensors let instructors compare the two speeds, while the built-in fans cool the engine, rear tyre and brake during longer runs and draw exhaust away

Tests ler with t