

Brake Dynamometer:

Based on conventional fly-wheel inertia method: The brake dynamometer / testing machine is to conduct validation test for a range of brakes of automobiles. A unique methodology for determining and studying the behavior of vehicles brakes is employed, by the technique of absolute measurement of its friction coefficient (μ). Where, the value of μ can be directly measured without having to go through a process of calibrating the machine, with known μ values.



Based on electrical simulation of inertia: The test rig is designed to conduct evaluation tests of the Aircraft brake pads for validating their design capabilities to absorb specified amounts of Kinetic Energy, (under simulated conditions) and to exert the exact braking torque as needed. The rig based on the concept of electrical simulation of mechanical inertia, facilitating an infinitely adjustable Inertia system, required to represent Kinetic Energy of different Aircrafts.

A self-standing electromechanical Structure contains all needed mechanical and electromechanical elements to actuate the brakes under test. The method and Measurement of precisely controllable brake force values are unique and proprietary. Automation involves PC & PLC based data acquisition system with customized engineering software which ensures proper sequencing of tests and recording of data.



For details and assistance, contact:



Dynaspede

136-A, Sipcot, Hosur 635 126 (T N) INDIA

Tel: 91-4344-276915 (5 Lines)

Fax: 91-4344-276841

e-mail : mail@dynaspede.com

For more on Automation components & systems,
log on to

www.dynaspede.com

AN ISO 9001 COMPANY