

MODEL**Brake Pedal Force Dynamometer****Description**

Brake Pedal Force Dynamometer is a force testing device designed for auto. It is comprised for Force Sensor , Digital Indicating cum Transmitter , Users software for graphics and analysis.

Also it can be used in determining force of Brake, clutch and accelerator in automobile testing.

Features

- ❖ 25 to 150 kgf. capacities offered
- ❖ Complete environmental protection – IP 65 class for gage area
- ❖ Standard output 1.5 mV/V available
- ❖ Can be designed as per customer's specific requirements.
- ❖ Can be supplied with suitable digital display unit and users software

Applications

Used for

- ❖ Brake pedal force
- ❖ Clutch pedal force
- ❖ Accelerator pedal force
- ❖ Force testing machine

Performance Specification

Standard Capacities in Kgf	25 , 50, 100, 150
Non – Linearity	< ±0.15% FSO
Safe Overload	150% OF RC
Ultimate Overload	200% OF RC
Temp. Range	0-60 °C
Finish & Construction	Sensing element - Tool Steel Outer Body – Powder Coated MS

System Configuration

This consists of-

Load cell model PFS-200 CAPACITY 150Kgf.

Load cell connecting cable

Load cell fixing strap

Digital Indicator cum Transmitter-DC Power 12Volt operated

Power supply cable

Computer Interface cable for serial port

User's software CD

Manual

System setup

Load cell is fixed with the brake with the help of strap supplied with the system.

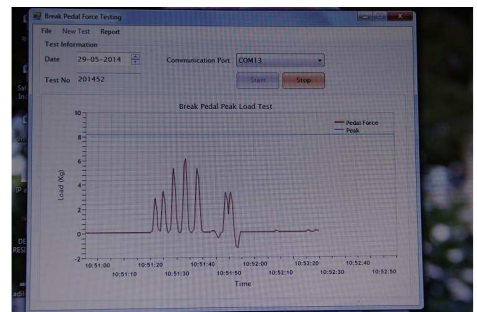
It is connected to the indicator with the load cell cable.

Indicator is connected with power supply of the car and its serial port is connected to the computer input port.

Computer is loaded with the provided user's software.

Now the system is ready to perform the test.

One can get the data in the display and into the computer for analysis and graphical representation of the test lot.

**Specification are subject to change without prior notice**

Manufactured by:



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