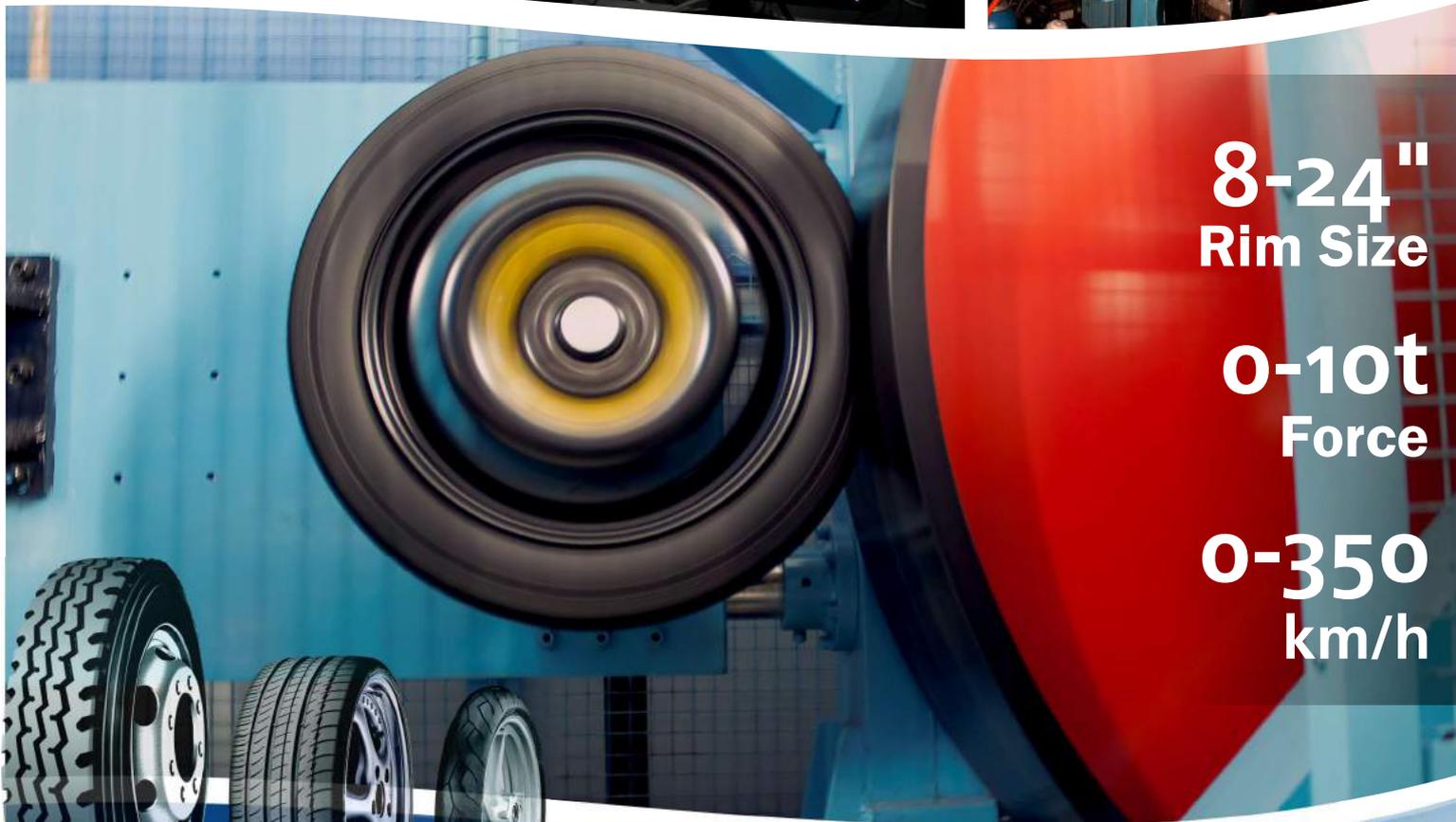
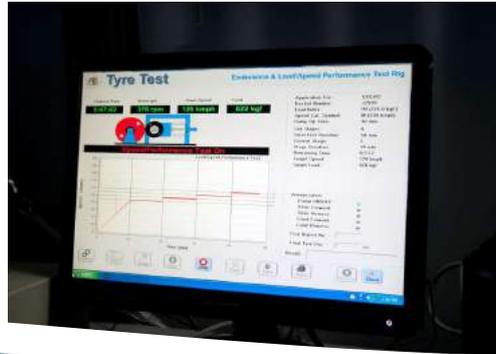
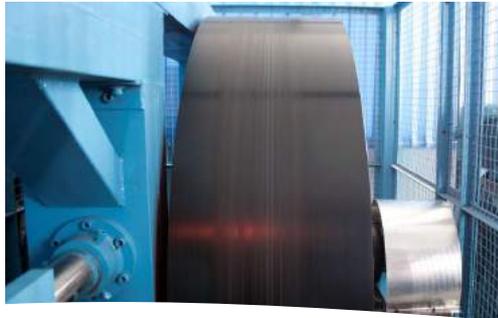




# AUTOMATED • COMPUTERIZED • WIDE RANGE • ECONOMICAL LOAD/SPEED PERFORMANCE TESTING MACHINES 2W | 4W | TRUCK TYRES



**8-24"**  
Rim Size

**0-10t**  
Force

**0-350**  
km/h



Reference Standard  
**IS** • 15633-2005  
• 15636-2005  
• 15627-2005  
BUREAU OF INDIAN STANDARDS

**AG Measurementics**  
testing is simple, now!



# Tyre Endurance Load/Speed Performance Testing Machine

**tels**  
10K50

## 2W | 4W | Truck Tyres

AG Measurematics manufactures machines for Endurance and Load/Speed Performance Testing of Automobile pneumatic Tyres.. Operating under Computer Control, this machine can run the tyre under test at variable speeds and simulate running condition by applying desired load on it. It is also possible to run the machine manually through its control panel.

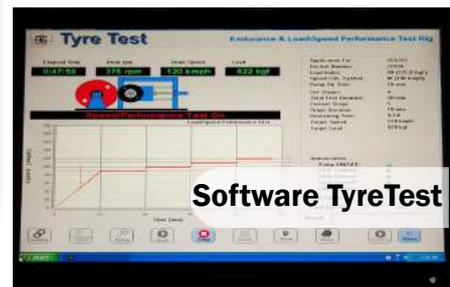
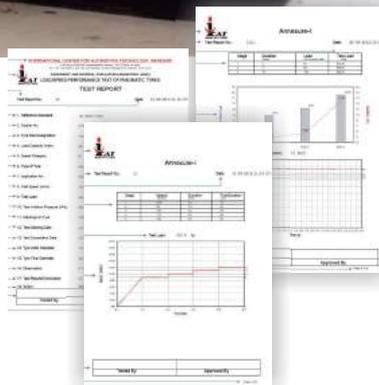
Since these machines are designed and manufactured completely indigenously user gets the advantage of low cost, prompt after sales service and high degree of customization to suit particular requirement.

With this the company has developed capability to supply both one and two tyre testing machines with or without camber and slip simulating facility.



tels 10K50 is designed and developed to test the performance of tyres under test at rated load and rated speed for a set duration of time. In endurance test tyres is run at set constant speed and load is increased on it stage-wise. In case of Load/Speed performance test a constant load is kept and speed is increased stage wise.

Once started, any type of test is performed automatically without any human intervention. Application software TyreTest performs all the test procedures and store data for offline viewing. Test Reports in user specified format can be generated of any test preformed in the past.



### Safety Features

- Fully enclosed wire mesh enclosure
- Emergency stop at multiple locations
- Over voltage, over temperature, over current, reverse phase protection
- Automatic Drum Stop and slide retract upon tyre burst, wheel load increase above set level, Low Hydraulic Oil, High Oil Temperature.
- Motor overload Tripping
- Door closure interlock
- Slide over travel protection.

AG Measurematics also undertakes design, manufacturing & training of any type of test rig as per customer requirement. Our years of work in the automotive testing have enabled us to provide total solution from sensors, system & software for your applications.

Mechanical fabrication, Instrumentation, Hydraulics, Pneumatic & software development is done in our manufacturing facilities in INDIA.



### Specifications

Number of stations Loading Operation	Single / Dual
Drum Size	Force controlled, closed loop Hydraulically operated slide assembly. Diameter: 1700mm. Runout 0.25mm Width: 400mm
Speed Range	0~350 Km/h
Wheel Type	2,3,4 Wheeler, Trucks
Rim Dia	10"24"
Inflated tyre Dia	Max 36"
Maximum Load	Upto 10000 Kgf   Res. 1Kgf (±0.5%) 300mm max travel
Power Requirement	Upto 180HP. 3Ph 415V, 50Hz AC
Tyre Speed Measurement	Precision Rotary optical encoder Least Count : 1 km/h
Tyre Load Measurement	High Accuracy Electronic Load Cell Accuracy: Better then ±0.5% FSR

### Corporate Headquarters

30, Civil Lines  
Roorkee 247667  
UK, INDIA

### Plant

Roorkee Industrial Estate  
Vill Sunhera  
Roorkee -247667



**AG Measurematics**  
testing is simple, now!

Tel. +91 01332-270772 | Fax. 01332-271172 | Email. info@agmpl.com