



Tire Endurance Test System

TMSI's Tire Endurance Test System is designed to incorporate one or two roadwheels and two or four test stations respectively via a single and highly triangulated stiff weldment. It provides the highest quality measurements available in tire endurance testing for both passenger and truck tires up to 350 km/h. It also performs loaded and rolling radius measurements, and measures RPK. In addition, the system can include options for dynamic steering capability and rolling resistance testing.



High Quality Tire Measurements

- ◇ Load
- ◇ Speed
- ◇ Elapsed Distance
- ◇ Elapsed Time
- ◇ Loaded and Rolling Radius

Options:

- ◇ Slip/Camber Head
- ◇ Rolling Resistance
- ◇ Infrared Temperature Sensor
- ◇ Safety Cage
- ◇ CE Compliant



Technical Specification

	PCR & LTR	TBR
Roadwheel Drum		
<i>Diameter, mm</i>	1,700	1,700
<i>Width, mm</i>	550	600
<i>Max. Rotating Speed, km/h</i>	350	200
Tire Sizes		
<i>Max. O.D, mm</i>	1,620	1,700
<i>Min. O.D, mm</i>	450	500
Tire Load Range		
<i>Max. Load, kg</i>	5,000	10,000
<i>Load Accuracy</i>	± 0.1% F.S.	± 0.1% F.S.
Tire Pressure		
<i>Range, kPa</i>	689	1,350
<i>Control Accuracy, kPa</i>	±1.4	±1.4
<i>Measurement Accuracy, kPa</i>	±0.7	±0.7

Note: Above specifications can be customized per customer request. Call our machine specialists for more information.

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