

Tire Characteristic Tester



Machine Specifications

Tire Outside Diameter Range	15.7-43.3 in (400-1100 mm)
Loadwheel Diameter	78.7 or 67.1 in (2000 or 1707 mm)
Loadwheel Width	19.17 in (500 mm)
Tire Tread Width Maximum.....	15.7 in (400 mm)
Tire Cross Section Width Maximum.....	21.6 in (550 mm)
Rim Width Range.....	3-17 in
Rim Outer Diameter Range	13-39 in
Inflation Pressure Maximum	95 psi (655 kPa)
Radial Test Load Maximum	6600 lbf (3000 daN)
Lateral Test Load Maximum	2200 lbf (1000 daN)
Test Speed Maximum	340 mph (550 km/h)
Camber Angle Range	+/- 12° (optional)
Slip Angle Range	+/- 12°

Optional Equipment

* Drum Brake	* Rolling Resistance Unit
* Machine Guards	* Tire Circumference Measuring
* Camber Assembly	* Tire Ambient Temperature Measuring
* Calibration Equipment	* Tire Inside Temperature Measuring
* Precision Test Rims	* Tire Tread Temperature Measuring
* 6 Axes Load Cell	

Standard Features

- * Frictionless Loadwheel Carriage
- * Hydraulic System
- * Lateral Force Measuring
- * PLC Controller Siemens / Allen Bradley
- * Slip Angle Assembly
- * Tire Burst Detection Unit
- * Tire Elapsed Distance Measuring
- * Tire Load and Speed Measuring

- * Tire Rolling Radius and Deflection Measuring
- * Tire Inflation and Regulation Unit
- * Automated Data Collection System
- * Force & Moment Test Program
- * Run Flat Tire Test Program and Hardware