

Multi-Component Sensors

Lateral Force Cell [20009]

This tire performance load cell measures the lateral (side) forces exerted against a tire under test.



SPECIFICATIONS

Capacity (F.S.).....	Fy= 3500lbs
Overload capacity.....	150% of F.S.
Output at F.S.....	1.0 mV/V nominal
Non-linearity.....	0.10% of F.S.
Hysteresis.....	0.10% of F.S.
Zero balance.....	1% of F.S.
Compensated temperature.....	70 to 170°F
Useable temperature.....	-65 to +250°F
Temperature effect on zero.....	0.002% of F.S./°F
Temperature gradient effect on zero	0.02% of F.S./°F