The Dynatest 1295 Pavement Friction Tester (PFT) measures the average locked wheel (skid) and peak (slip) friction characteristics on dry or self-wetted paved surfaces. It is designed for maintenance testing to evaluate the alteration of pavement friction resulting from traffic, aging and weathering.
COMPLIANCE WITH INDUSTRY STANDARDS
ASTM E556 “Calibrating a Wheel Force or Torque Transducer Using a Calibration Platform”

SYSTEM HARDWARE AND SOFTWARE FEATURES
Two-axis transducer provides direct measurement of both horizontal traction force and vertical load on the test wheels
Trailer equipped with a parallelogram suspension, non-resonant combination of coil springs with heavy duty air shocks and disc brakes
Solid state electronics and instrumentation
Simple trim system calibration
Full system diagnostics of transducer, encoders, brakes, and water system

AVAILABLE UPGRADE OPTIONS
Dual side measurement and wetting
Texture laser
Differential GPS
Right of Way camera

Test headers, skid numbers, peak friction values, can be printed and/or stored
On-board computer calculates Skid Number (SN) and Peak Braking Coefficient (PBC) in real time and displays friction and speed traces for each test