





■ COMPLIANCE WITH INDUSTRY STANDARDS

ASTM E274 “Standard Test Method for Skid Resistance of Paved Surfaces Using a Full-Scale Tire”

ASTM F408 “Standard Test Method for Tires for Wet Traction in Straight Ahead Braking, Using a Towed Trailer”

ECE R117 “Uniform Provisions Concerning the Approval of Tires with Regard to Rolling Sound Emissions and to Adhesion on Wet Surfaces and/or to Rolling Resistance”

Commission Regulation (EU) No. 228 “Wet Grip Testing Method for C1 Tires”

ISO 15222 “Truck and Bus Tires—C2 Tires Measuring Relative Wet Grip Performance”

ISO 23671 “Passenger Car Tires—Passenger Car Tires—Method for Measuring Relative Wet Grip Performance—Loaded New C1 Tires”

■ 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

Laminar flow nozzle

Solid state electronics and instrumentation

Stainless steel trailer for C1, powder coated for C2

Full system diagnostics of transducer, encoders, brakes, and water system

Menu-driven software enables operator to control test parameters

Test headers, skid numbers, and peak friction values stored and can be printed

On-board computer calculates Skid Number (SN) or Peak Braking Coefficient (PBC) in real time and can display friction and speed traces for each test

Wet grip analysis and reporting provided off line

■ AVAILABLE UPGRADE OPTIONS

Dual side measurement and wetting

Blocking bar for yaw restriction

Differential GPS