RUNWAY CALIBRATION

Besides using the Skiddometer during rain, slush, and snow conditions (operational use), the Skiddometer is also used for checking the runway surface condition and “rubber build-ups” (Runway Calibration), i.e. measuring wet friction at a water depth of one millimeter. This measurement is based on recommendations of the International Civil Aviation Organization (ICAO), the Federal Aviation Administration (FAA), and ASTM standard E 1960 – 98.

Since wet pavement always yields the lowest friction measurements, we offer a self-wetting system which simulates wet pavement surface conditions and provides the operator with a continuous record of friction values along the length of the runway. The attached water pump and nozzle are designed to provide a uniform water depth of 1 mm (0.04 inches) in front of the friction measuring tire. This wetted surface produces friction values that are most meaningful in determining whether or not corrective actions are required.
SKIDDOMETER BV11
WMS SELF-WETTING SYSTEM
– RELIABILITY FOR LONG RUNWAYS

For regular runway calibration with a trailer-based Skiddometer BV11, we offer the WMS Water Measurement System. The WMS system is totally self-contained and offers maximum flexibility, as any vehicle can be used for towing. The stainless steel water tank is built from multiple compartments to prevent sloshing. Its capacity is sufficient to make the longest runway measurements with a single run.

FEATURES AND BENEFITS

- The most advanced self-wetting system on the market
- Its robust pumping system automatically provides an always correct uniform water depth of 1 mm (0.04 inches)
- The stainless steel tank’s volume can be suited and optimized for customer needs
- Extremely stable, low center of gravity construction
- Service free robust construction
- Can be used to transport Skiddometer BV11 for longer distances, e.g. between different airports.

CONTACT US TODAY!

Moventor Inc.

Moventor Inc. is an international, modern, strongly growing and developing manufacturing company specialized in the friction measurement and airport equipment businesses. Our core business areas include developing, manufacturing, delivering and servicing Skiddometer BV11 friction testing systems around the world and representing EHR Fahrzeugtechnik Cleaning Systems in the Scandinavian region.

Moventor’s head office and factory are located in Pirkkala, Finland. Moventor is committed to providing you products and services that increase the value and effectiveness of your business.

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