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.
The Water Onboard system has the pump mounted on the towed Skiddometer BV11, and water tank in the tow vehicle. The water tank is a 1,000-liter flexible plastic water sack placed in the vehicle.

FEATURES AND BENEFITS

- The robust pumping system automatically provides an always correct uniform water depth of 1 mm (0.04 inches)
- A cost effective solution which can be added to any Skiddometer BV11
- The water tank can be suited to customer needs.

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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