

GripTester MK2 - Airports



Features & Benefits

- Continuous Friction Measuring Equipment
- ICAO, UK CAA, EUSA, FAA Compliant
- Designed for all seasons
- Computer controlled system
- Easy to Use, Robust, Reliable
- Flexible deployment
- Automatic Water Delivery System
- Accurate data collection system
- Full Maintenance & Support Service Offered

Application

GripTester MK2 is the world's number one trailer-based continuous friction measuring equipment. It works on a principle of measuring the skid resistance of a surface, by running a measuring wheel that slips or skids compared to two drive tyres. The GripTester is a three-wheeled trailer with a weight of 85 kilos. The single measuring wheel is braked by 15% and the load and drag on this wheel are continuously measured. The friction coefficient (load/drag), known as the GripNumber, is transmitted to a data collection computer held in the cab of the towing vehicle.

Designed for all Seasons

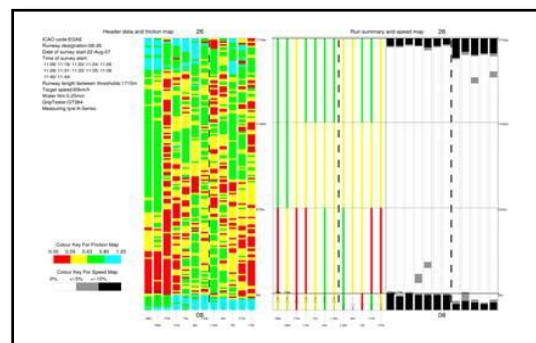
GripTester MK2 currently operates in all regions of the world; arctic, equatorial and temperate. The GripTester MK2's light towbar pull and low centre of gravity ensure safe, stable operation on winter and summer runways. The unique Automatic Water Delivery System (AWS) provides a fully automated controlled delivery of water minimising water usage and safeguarding the accuracy of results.

Ease of Use

GripTester MK2's light weight, robust construction and reliable performance make it the most deployable runway friction tester in the world.

Airbase Software

The Airbase software is designed specifically for use on Airports. Designed by and with Airport Operations in mind, the software quickly and easily guides users through all classifications of surveys including maintenance, ICAO and CAP683. Airbase generates easy to read reports as well as giving real time data displays to the operator during surveys.



GripTester MK2 Accessories

Tanker Trailer

The Tanker Trailer offers users the ability to carry enough water for 20km of friction testing. It can be customised to suit individual user needs and contains all GripTester MK2 electronics, Automatic Watering System, winch and GripTester storage area. The main benefit is it is a combined, plug and play GripTester MK2 Airport solution



Runway Alignment System (RAS)

The Runway Alignment System (RAS) is a GPS based guidance system that makes runway friction surveys completely automated. The RAS guides users through each pre-set run using GPS to guide the driver to the start point and through each run in sequence. It also ensures driver accuracy by using visual and audio cues to keep the driver on a straight, consistent line. This improves the quality of the friction data generated as it ensures every survey is covering the same area resulting in easier comparisons



Technical Specification

GripTester MK2

Overall Length:	1010mm (excluding removable towbar)
Overall Width:	790mm
Overall Height:	510mm
Weight:	85kg
Measuring Tyre:	10" diameter slick tread ASTM Specification 1844
Drive Tyre:	10" diameter patterned tread Tread KT3-W Compound K8-CIK



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