

NAC

NEUBERT AERO CORP.



NAC Dynamic Friction Tester (DFT)

All-Inclusive Continuous Friction Measuring Equipment (CFME)

Accurate and Repeatable Friction Data Reporting

Monitor your runways and roads all year long by collecting accurate and repeatable surface friction data with NAC's Dynamic Friction Tester (DFT™). This all-season, aerodynamic, integrated self-wetting system, tow-behind device is FAA approved for use and made in the USA. It is recognized by industry leaders as a step forward, both in technology and repeatability. The DFT's state-of-the-art precision engineering and available Green Dragon Technology™ makes it the leader in reliability and environmental-friendliness. Its built-to-last design dramatically reduces maintenance and operating expense. Contact NAC today to join others around the world who collect runway and highway continuous friction values with this single, powerful device.

Surveys
Runway and
Highway
Pavement
Friction



PATENTED

Front and Rear Drive Belts



- Front and rear drive belts create a continuous fixed-slip brake of 12%
- Skid point data represents close to actual braking performance

Zero-Emission Water Pump System



- Self-contained, stainless-steel water tank provides water as a controlled contaminant
- Belt-driven centrifugal water pump controls rate of water distribution to 1mm uniform depth

Front Friction Tires



- Slick tires maximize friction accuracy
- Surveys are conducted flat against surface for accurate reporting of microtexture and macrotexture

NAC
NEUBERT AERO CORP.
Airport Products & Services

727.538.8744
www.airportnac.com

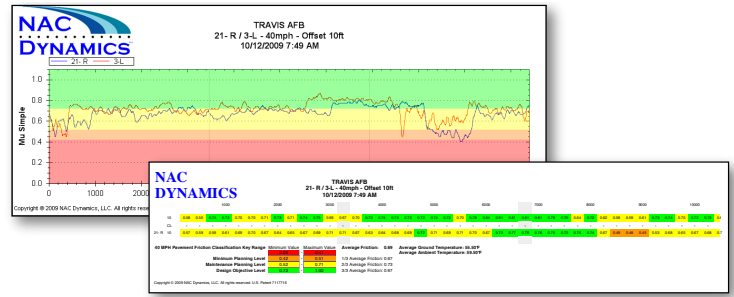
14141 46th St. N, Ste. 1206, Clearwater, FL 33762 USA · Tel 727.538.8744 · Fax 727.538.8765 · www.airportnac.com · Email : info@airportnac.com

ISO 9001:2008 Certified for its Quality Management Systems in design, manufacture and supply.

Copyright ©2010 Neubert Aero Corp. Dynamic Friction Tester-DFT is a licensed trademark of NAC Dynamics, LLC. Clearwater, FL, USA

Why Choose NAC's Dynamic Friction Tester?

- Functional and operational friction measurement using 12% continuous fixed-slip braking method
- Performs pavement friction surveys for 14 types of winter and summer contaminants, aligning with the NOTAM reporting system
- High-speed friction measurement results formatted in easy-to-understand graphs for maintenance planning and action
- Software driven RCR value reporting using approved contaminate descriptions
- Real-time reporting of ambient/surface temperature, speed, distance, and Mu
- Battery-powered system with solar and AC charging
- Touch-screen Technology
- Reports Mu at a rate of 98% repeatability across the same surface at design objective levels
- Easy calibration process: Static and Dynamic
- ISO 9001:2008 certified for quality assurance in manufacturing
- Made in the USA
- One-year full warranty
- Complies with FAA/ICAO and CAA performance specifications



Friction survey results reported in easy-to-understand graphs and charts for analysis.



PRODUCT SPECIFICATIONS

General

- Monitors and reports ambient and surface temperatures
- Semi-automatic, 10-second calibrations procedures
- Up to 196 hours of continuous operation between charges

Trailer

- Length 7.2 ft / 2,200 mm
- Width 3.2 ft / 1,000 mm
- Height 4.2 ft / 1,300 mm
- Weight 1,100 lb Dry / 2,200 lb Wet

Wetting System

- Stainless-steel water tank
- 132 gals / 500 ltr
- 26,000 ft / 7,925 m wetting capacity

Tires

- ASTM E1551 front friction measuring slick tires
- ST175/80R13C Goodyear rear-trailer tires

Data Collecting Software

- Real-time data display
- Results reported in easy-to-understand graphs/charts for analysis
- Operates via Wi-Fi or hard-wire connection
- Graphically displays friction surveys in imperial or metric for both Mu and RCR
- Error detection features included in software
- Data can be displayed in English/Spanish/Mandarin



Green Dragon Technology

- Environmentally-friendly device runs on solar and battery power
- Belt-driven water delivery system



727.538.8744
www.airportnac.com

14141 46th St. N, Ste. 1206, Clearwater, FL 33762 USA · Tel 727.538.8744 · Fax 727.538.8765 · www.airportnac.com · Email : info@airportnac.com

ISO 9001:2008 Certified for its Quality Management Systems in design, manufacture and supply.

Copyright ©2010 Neubert Aero Corp. Dynamic Friction Tester-DFT is a licensed trademark of NAC Dynamics, LLC. Clearwater, FL, USA