

Neubert Aero Corp.

Dynamic Friction Tester™

US Patent 7,117,716 B2



FAA Certified

Meets and Exceeds Appendix 4 of FAA AC 150/5320-12C

NAC Dynamic Friction Testing Device (DFT)™ *US Patent 7,117,716 B2*

CONTINUOUS FRICTION & FLUID DRAG MEASUREMENT DEVICE (CFME)

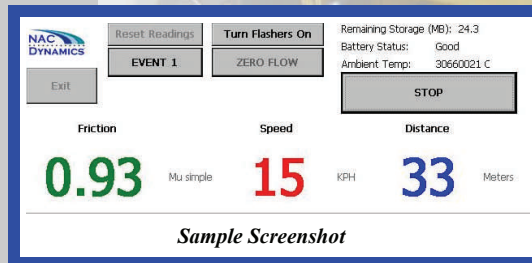
Neubert Aero Corp (NAC) offers the most technologically advanced and only "Made In the USA" precision tow-behind CFME device. The DFT is a trailer mounted system with an integrated water tank designed to accurately measure surface coefficient of friction.



Still using decelerometers when testing your runway friction?

The Dynamic Friction Tester™ (US Patent No. 7117716B2) is an all-inclusive device designed to measure Coefficient of Friction (Mu) and is equipped with the capability to separate the $\text{Mu}_{(\text{Roll})}$ and $\text{Mu}_{(\text{Slip})}$ values enabling the calculation of fluid drag properties of the runway pavement contamination.

- Performs friction testing in summer and winter conditions
- Second wheel provides contaminant depth reporting
- Trailer mounted system - requires no dedicated tow vehicle
- Wi-Fi wireless technology - no external tow cables or wiring
- Self-wetting system with 130 gallon tank allows 24,000ft. testing distance
- Displays ambient and surface temperatures
- Uses standard ASTM friction tires
- Up to 300 hours of continuous operation without charging
- Battery powered system with SOLAR & AC recharging
- Rated -45 to +80 degrees Celsius (wetting system not used below freezing)
- Self-calibration system requires no test board, calibration jig, or weights
- Semi-automatic 10-second calibration procedure
- Forward and reverse function without damaging device
- Touch screen technology
- Designed in compliance with FAA/ICAO/CAA CAP 683
- 24/7 technical support
- One year full warranty



AIP Approved



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