VERICOM
MOTION PERFORMANCE INSTRUMENTS

RFM4000
Runway Friction Meter

FAA Approved Runway Friction Meters

The Vericom VC4000 series Runway Friction Meters are FAA Approved for Airport Winter Safety – as defined in *FAA AC 150/5200-30D; Performance Standards for Decelerometers*. All instrumentation is contained in one easy to use device. With the Vericom VC4000 RFM you are assured of consistent and precise testing between users. The Vericom RFM4000 series reports Mu to support FAA requirements for the Runway Condition Assessment Matrix (RCAM).

Simple

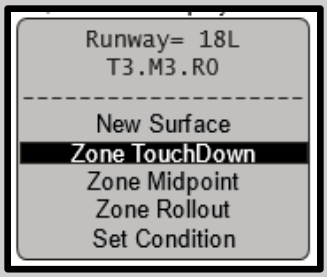
- Easy to install mounting kit that prevents false readings due to 'bounce' or random vibration.
- Apply brakes for only 1 second to measure Runway Friction. This ensures quick testing to minimize air traffic disruption.
- Profile 5 software provides simple tools to setup Airport name, Operator name/ID, and surface/runway ID for test documentation.

Accurate

- Internal 10Hz GPS with Data Mapping to visually show test areas. *(*RFMx only.)*
- Angular Rate Sensor automatically rejects a run if the test vehicle over-rotates or spins.*
- Automatically calculates the average of 3 runs per zone and 9 test runs per runway.

Vericom FAA Approved Runway Friction Meters		
	RFM4000x	**RFM4000**
Analysis Software	Profile 5	Profile 5
3-Axis 2G and 6G Accelerometer	X	X
100 Hz Sample Rate	X	X
Heavy Duty Vacuum Cup Mount	X	X
Plate Mount for Vehicle Dash	X	X
Automatic Pitch Compensation	X	X
10Hz Internal GPS Mapping	X	-
Yaw Gyro to Reject False Runs	X	-
Wireless Communication to Tower	Optional	-
Temperature Sensor Inputs	2	-
Analog Output	X	-
Bluetooth to PC Connectivity	X	-
Automatic Data Archive	X	X

The Vericom VC4000 RFM series is ready for your specific setup, operator ID, and runway/surface ID.



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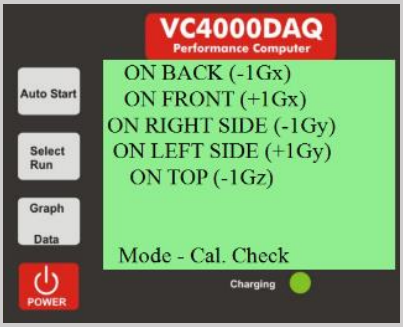
Thermal Printer Included with RFM Packages:
Use the thermal printer to quickly document each test series.

Added Temperature Sensors:
With the 4000RFMx you can add a surface temperature sensor and an ambient air temperature sensor to capture additional data for your RCAM file.

The VC4000 series Runway Friction Meter (RFM) includes a very simple procedure that allows the user check the VC4000 RFM calibration. Simply follow the on-screen instructions to verify the unit is holding the initial factory calibration.



VERICOM VC4000RFM

*** Runway Friction Report ***

Example Thermal Printer Report

Airport = MSP
Op Name = Joe
Op ID = 87654321
Report Time = 11:03am
Report Date = 10/09/16

Run	RW	Zone	FN %	Time	Speed mph	Temp F
1	9L	Touch	22	15:50	28.9	31
2	9L	Touch	27	15:51	29.2	31
3	9L	Touch	24	15:51	29.1	32
4	9L	Mid	28	15:51	303	32
5	9L	Mid	27	15:52	31.4	32
6	9L	Mid	26	15:52	29.8	31
7	9L	Roll	26	15:53	30.1	29
8	9L	Roll	24	15:53	29.7	29
9	9L	Roll	26	15:53	29.2	30
10	20	Touch	31	15:55	30.3	30
11	20	Touch	30	15:56	30.9	32
12	20	Touch	30	15:56	29.0	32
13	20	Mid	29	15:58	27.7	31
14	20	Mid	28	15:58	30.3	31
15	20	Mid	30	15:59	30.3	30
16	20	Roll	32	15:61	31.1	29
17	20	Roll	31	15:61	31.9	29
18	20	Roll	31	15:61	30.5	31

Runway = 9L
Touchdown friction = 24
Midpoint friction = 27
Rollout friction = 26

Runway = 20
Touchdown friction = 30
Midpoint friction = 29
Rollout friction = 31

Vericom Provides Mu for the FAA Runway Condition Assessment Matrix

Signature_____

Vericom - Made in the USA since 1984

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