Third-Party Comparison of Dipstick® & the Leading “Rolling Profiler”

The test was made in 2009 by an independent, third-party testing laboratory using its own Dipstick 2272 and the lab’s recently purchased Rolling Profiler, with the latest version (2009) of its software. The lab asked to perform the test at the Face® Company’s test track, which is polished terrazzo. The test instruments collected data on a clearly-marked line. The Rolling Profiler was rolled slowly down the line so that it could produce its best data. Great care was taken to ensure that the data from both devices were collected right on the line.

![Graph showing comparison of Dipstick® and Rolling Profiler data](image)

**Dipstick® Data from N.C. Test Lab**
10 Test Lines on the Same Floor
Collected with Its 6-year-old Dipstick®

**Rolling Profiler Data from Same N.C. Test Lab**
10 Test Lines on the Same Floor
Collected with Its 2009 Model Rolling Profiler

Note that Profiles Are Identical

Note Where Profiles Cross
After the test lab finished collecting its data with the Dipstick® and the Rolling Profiler, additional data were collected by a Face® employee using a Dipstick belonging to the Face Company.

Finally, all the Dipstick data (from the test lab and from Face) were compared, to see how much variation there was between two different Dipsticks and two different operators.
Findings

Dipstick®

FF

The FF Numbers generated by the two different Dipsticks (six and eight years old)* operated by two different people ranged from FF 19.1 to FF 19.7 (a variation of 3%).

FL

The FL Numbers generated by the two different Dipsticks (six and eight years old)* operated by two different people ranged from FL 21.1 to FL 21.5 (a variation of 2%).

Leading Rolling Profiler (2009 Model)

FF

The FF Numbers generated by the same, newly calibrated Rolling Profiler using its latest software operated by the independent testing lab ranged from FF 17.9 to FF 18.6 (a variation of 4%).

The FF Numbers generated by the Rolling Profiler were an average of 5% lower than the two Dipsticks.

FL

The FL Numbers generated by the same, newly calibrated Rolling Profiler using its latest software operated by the independent testing lab ranged from FL 15.1 to FL 21.9 (a variation of 36%).

The FL Numbers generated by the Rolling Profiler were as much as 29% lower than the average of the two Dipsticks.

* Neither Dipstick Used in These Tests Had Been Recalibrated Since Its Manufacture
The Leading Rolling Profiler Is To Be Recalibrated Every Year at an Annual Cost of $400 Plus Shipping

www.Dipstick.com