

California

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Kansas

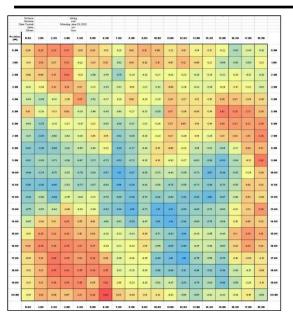
307 Plymate Lane Manhattan, Kansas 66502 Telephone: (785) 539-6305 Facsimile: (785) 539-6210

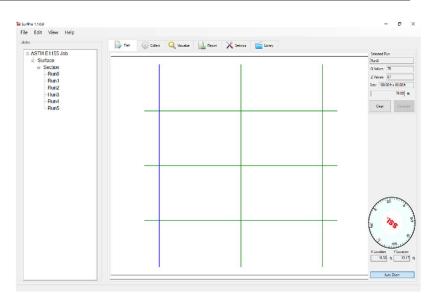
SURFACE SYSTEMS & INSTRUMENTS, INC.

• Inertial & Walking Profilers • FF/FL• TR34 • DIN 18202 • Custom Test Equipment • Mobile Technology Solutions

CS8850 SurfacePro

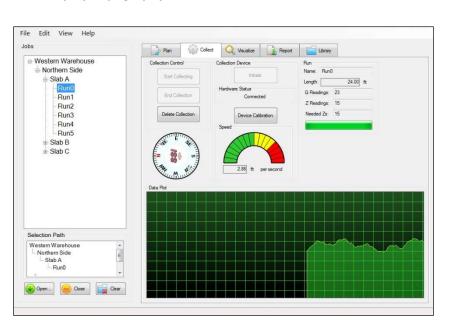






▲ Display Topography of Slab Surfaces ▲

▲ Automatically Generate Run Paths for FF/FL, TR34, DIN ▲





▲ View Surface Contours in Real Time During Collection ▲

▲ Unique/Modular Walk-Behind Equipment ▲

Automated FF/FL, TR34, DIN Layout and Surface Visualization

Hardware

- Equipment based on proven CS8800 pavement profiler
- Custom designed hardware for profiling applications
- Modular design of all components
 - Allows for simple and fast troubleshooting
- Can be used on all types of slabs or pavement
- Double use as a survey, reference, or road profiler
 - Can replace rod and level measurement (ASTM 1364 or AASH R40)
- Perform collections and report data on a Panasonic Toughbook computer or Microsoft SurfacePro.
- TOUGHBOOK' Microsoft Surface

Panasonic[®]

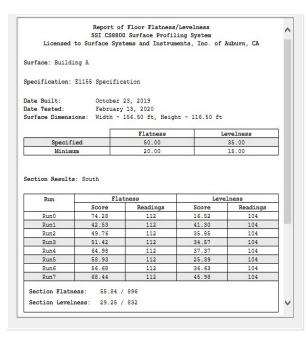
- Remove computer for other uses
- Integrated inclinometer stores profile elevations and slab condition based on distance traveled
- Quick assembly. Simple, one-person operation
- Quick calibration steps to begin profiling
- Collapsible handle for compact transport
- Reusable storage container
- ➤ Long life lithium battery
- True-round wheels offer superior precision
- GPS available for outdoor applications

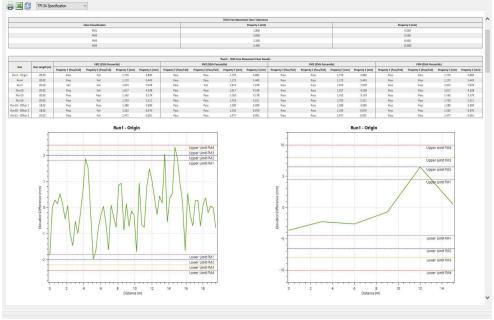
Software

- ➤ Windows software program for easy operation.
- ➤ Generates FF/FL in compliance with ASTM E-1155
- Produces TR-34 compliant Property E and F
- ➤ DIN 18202 straightedge report, user configurable heights
- ➤ High resolution data sampling interval ≤1 inch (2.54cm).
- Visual reporting feature that outputs a topographic map
- Integrated compass within map floor plan
- Can have software calculate the Z-Values automatically to find most efficient collection path
- **New:** Grid collection feature allows for survey quality data through intra-section run meshing
- Ability to manually calculate and create run paths.
- Simple instructions to calibrate and collect data
- Fast: collect at a continuous speed of 1-3 ft/s (1m/s).
- Differentiate between Project, Surfaces, Sections, and Runs with the tree-style organization
- Collections are saved in a library for later use
 - Access all previous projects saved on computer
- Configurable minimum FF and FL values for reports
- Print results directly from the program
- ► Export reports to Excel or PDF









▲ ASTM E1155 FF/FL Report ▲

TR34 Report

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