



INTERNATIONAL  
CYBERNETICS

# SurPRO 5000

## 美國ICC 準確&真實表面輪廓描繪收集系統 ICC'S ACCURATE & TRUE SURFACE PROFILE COLLECTION SYSTEM

*The SurPRO 5000 acquires data at 5x higher resolution than previous models, has a touchscreen interface with Windows OS, and come with GPS as a standard feature. The SurPRO 5000 continues to set the standard for high accuracy longitudinal profile measurement and ground truth devices.*



CALIBRATION SITE FOR DQMP  
BENCHMARK SITES  
CONTROL SITES  
AIRFIELD TESTING  
CONSTRUCTION QC

### BENEFITS

- ✓ Collect precision profiles on any paves surface (cross-correlation > 0.99)
- ✓ Capable of testing bridges before approaches are in place
- ✓ Identify surface defects to achieve target roughness indices (using bump/ dip analysis)
- ✓ Measure road cross slope
- ✓ Test drainage slopes
- ✓ Wheel path criteria & elevation conformance
- ✓ Establish reference profiles for validation of high speed equipment

### FEATURES

- ✓ Exceeds ASTM & World Bank Class 1 profiler performance
- ✓ Fully automated data collection for longitudinal & transverse profiles
- ✓ Wheel spacing supports several ASTM Standards; 250mm, 12" & 300mm
- ✓ High resolution data acquisition <1mm resolution (50,000-pulse encoder)
- ✓ Reporting interval from 0.04" to 12" (1mm to 300 mm)
- ✓ Provides unfiltered true elevation profiles
- ✓ Permanently stores calibration
- ✓ Report multiple roughness indexes (IRI, PI)
- ✓ Generates .PPF, .ERD and .PRO files



益瀚儀器

**SURPRO** The most trusted name in profiling chosen by more DOTs than any other walking profiler

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