

ROAD CONTINUOUS FLATNESS INSTRUMENT

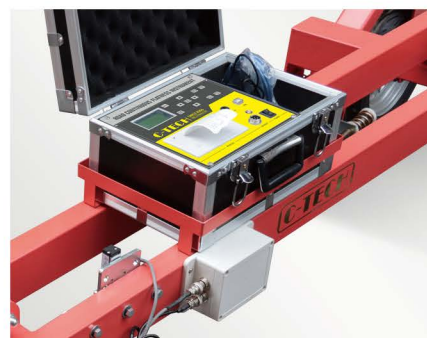
The road continuous flatness instrument is a professional instrument for road surface quality assessment, used to measure the standard deviation of longitudinal relative elevations to evaluate road surface roughness. It is suitable for construction inspection, final acceptance, and maintenance of roads such as highways, urban roads, plazas, and airport runways. It also provides reliable road surface analysis data for teaching, design, and research institutions. It is not suitable for inspecting severely potholes or damaged roads.

This device consists of mechanical and electrical parts. The electrical part is installed separately in the instrument box and connected to the interfaces of the displacement sensor and distance sensor through cables. It can be disassembled and assembled at any time.



TECHNICAL SPECIFICATIONS

Sampling interval	0.05m or 0.1m
Sampling error	<0.04mm
Error in length of measured road	<1%
Out-of-tolerance range	1-15mm
Minimum turning radius	5m
Testing speed	6-8km/h, the maximum speed is no more than 12km/h
Transport speed	25km/h
Battery	12V7AH gel maintenance-free battery
Working conditions	-10℃ - +60℃



SINCE 2006

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