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**INNOVATIONS
AND TRENDS**



Catenary geometrical parameter detection in rail transit systems



Catenary system detector Dr.S

The Dr.S catenary system detector, presented by Centuray Technology, is a high-tech appliance in rail transit systems, using a hand pushed trolley as a carrier to perform the non-contact, continuous and dynamic test of geometrical parameters, wear and mast gauge of the catenary system. Dr.S is the integrated intelligent product of mechanical engineering, electronics and computer science. It is composed of a H-type measuring trolley platform, high-speed industrial linear array camera, linear laser generator and data acquisition processor. With automatic online analysis, display and advance warning of the test information or subsequent analysis replay of test data, Dr.S provides scientific guidance for maintenance work on electrified railway catenary systems.

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Subject to further change