LINSPECT - HS

> **Non-Contact Laser based Live Line Monitoring gauge for Height and Stagger measurement of railway overhead catenary wire (OHL).**

Electronica's Laser based Height and Stagger Measuring Gauge is an easy to use that has been designed for use by a single person. It is light weight and can be folded for easy storage and handling. It incorporates a laser based system to measure Height and Stagger of railway overhead centenary wire (OHL) precisely

Height is measured by a Laser distance meter and stagger is calculated with help of an encoder. Both the readings are displayed on Controller LED screen,placed ergonomic height. Linspect HS is equipped with digital inclinometer/level measurement system which measures and displays tilt of track (in degree) and value of cant (in mm)

Laser point on OHL

Prominent Features: -

☞ Light weight Portable, suitable for single person to take measurements

☞ Locate laser point on contact wire and catenary wires easily using camera for height measurement in sunlight.

☞ The design is rugged , sturdy and fully insulated.

☞ Unlimited Storage with date & time on Mobile Phone (Optional)

☞ Supplied with water proof, light weight Carrier Case.

☞ Available Technical Support in all Zones of Indian Railways.

Laser Sensor

Technical Specifications:-

Model	LINSPECT-HS
Measuring Scheme	The Gauge is equipped with an automated laser and encoder system to get precise reading of height & stagger.
Cable Height Measurement Range Accuracy Resolution	 1.2 m to 100 m ± 3 mm 1 mm
Cable Stagger Measurement Range Accuracy Resolution	 ± 520 mm ± 10 mm (at 5m Height) 1 mm
Cant/Super-Elevation Measurement Range Accuracy Resolution	 ± 200 mm ± 2 mm 0.1 mm
Implantation Range Accuracy Resolution	 Up to100 m ± 3 mm 1 mm
Display of results	Display Results Digitally on LED screen.
Protection class	IP65
Power Supply of gauge	16.8V (on full charge), Li-ion battery 2400mAh - with charger
Working temperature range, °C	-20°C to +50°C

Our other Digital Measurement Instruments for Rail wheel Inspection

Linspect - W

Diaspect - W

Owning to continuous product Research & Development, design specifications are liable to change.