



**BECK**  
ENTERPRISES

## CEN-30 V7 MOBILE RETROREFLECTOMETER



**MEETS ASTM E1710**

### Performance & Specification

- HeNe Laser based optical system for lab quality stability and accuracy
- Meets ASTM E1710 – 30 Meter Geometry
- Entrance Angle: 88.76° (per ASTM E1710)
- Observation Angle: 1.05° (per ASTM E1710)
- Measuring aspect of the total angular spread does not exceed 0.33°
- Ambient Operating Temperature Range: 0°F to 120°F
- Reflectivity Range: 0 to 2500 mcd/m<sup>2</sup>/lux
- Measurement Frequency in excess of 2M S/s (2 million samples per second)
- Provides individual outputs for double lines – Ave. RL and Standard Deviation
- Device also Measures Color, Line Width, Contrast, Pavement Reflections, etc.
- Measures white and yellow flat and profiled road markings of any type of roadway surface
- RPM Condition Assessment
- Day or night operation capable – eliminates and catalogs RPM's from Retro Data
- Fully secure high-speed USB connection and data storage
- Full HD 1080p 60 fps video with data stream overlay for a total condition assessment
- Retroreflectometer can be mounted on either side of the vehicle or both simultaneously
- GPS accuracy <1m, DMI Accuracy <3.28ft out to 8 decimal places
- Real-Time programable event codes and condition assessment ratings outputted at each interval
- Real-Time Display of the Retroreflective Profile
- Wet Testing capable (per ASTM E2177)
- NIST Certified calibration panels with simple calibration process

