



# Steering Test Unit

## ECE R79 Compliant Steering Test System



### Annex 3 Steering Effort Measurement:

Measuring the maximum force (in Newtons) and torque applied by the driver to rotate the steering wheel.

**Universal Quick-Mount:** Adjustable clamp system for all steering wheel diameters (Trucks, Buses, Cars).

**Integrated High-Resolution Torque Sensor:** Features a high-precision Kistler Torque Sensor (Accuracy:  $\pm 0.1$  Nm).

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### PC-Independent Operation & Seamless Data Management

**Standalone Testing:** High-performance integrated controller, the STU can manage the entire testing process without requiring an external PC connection.

**Integrated Control Interface:** Start tests and monitor real-time data directly through the on-device graphical display.

**USB Data Export:** Upon test completion, export all high-resolution graph data and measurement results in CSV format directly to a USB flash drive.

**Plug-and-Play Analytics:** Simply plug the USB drive into your workstation to perform advanced data analysis using standard spreadsheet software (Excel, etc.).

