

# EC Tachograph Test Device

**Models: TCS Basic  
TCS Comfort  
TCS SMG**



Testing of mechanical and electronic EC tachographs and flat tachographs according to § 57 b and § 57 d of the official German Road Regulations



- ▶ Tachograph test based on § 57 b and § 57 d of the official German Road Regulations
- ▶ Determination of travel RPM; travel pulse count for all mechanical and electronic tachographs
- ▶ Programming of FTCTO 1319 and MTCO 1324, TVI 2400, prepared for EFAS (Grundig), SmartTach (Actia), DTCO
- ▶ Print out and storage of test seals with date, test station number, address, measurement values, chassis number
- ▶ Road measurement possible (optional)

**Premium Workshop  
Equipment**

## Travel Distance/Tachograph Measurement Device Integrated in your Brake Tester

The travel distance measurement system "TCS" is a brand new innovation in the testing of truck and bus tachographs based on § 57 b and d of the official German Road Regulations. It can be connected with or without a measurement roller to the roller brake tester thanks to modular design. The easy and quick operational procedure with direct print out of test protocol and seals guarantees high productivity and excellent run through frequency.

This measurement device has received PTB approval and is recognized by all tachograph manufacturers.

The universal measurement device was developed specially for workshop application. The menu guidance takes place directly on your personal computer (or Laptop or Touch Screen) and is printed from here on the special test protocol. The test protocol contains the necessary seals for attachment to the tachograph and speed limiter. We differentiate among 3 variations:

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|--|---|
| <b>1. Basic version:</b>                 | <b>Inductive sensor integrated in brake tester</b>  |
| <b>2. Comfort version:</b>               | <b>Brake tester with Semmler measurement roller</b> |
| <b>3. Equipped for road measurement:</b> | <b>Test without brake tester</b>                    |

The TCS system contains the integration of the **TC-net-Software** for management of all types of tachographs, customer data, measurement data importing, and printing possibilities on test protocols. This software stands out with multi-language capabilities with Windows based menu guidance.



### Test Possibilities

- Tachograph test according to § 57 b and d StVZO (German Road Regulations)
- Determination of travel RPM; travel pulse count for all mechanical and electronic tachographs (1314; 1318; TVI 8400, Actia-Poltik 028)
- Error display in %
- Reads constants
- Step diagram of electronic tachograph in installed condition
- Input test including print out
- Checking of speed limiters (GBA) in connection with electronic tachograph
- Clock test incl. tolerance print out
- Programming of FTCO 1319 and MTCO 1324, TVI 2400, prepared for EFAS (Grundig), SmarTach (Actia), DTCO (chipcard tachograph)
- Print out and storage of the test seals with date, test station number, address, measurement value, vehicle chassis number, etc.
- Road measurement is also possible (optional)
- Data exchange with various software systems possible (upon request)



### Production Program:

Testing Technology for Cars, Trucks, Motorcycles, Tractors, Forklifts, Aircraft · Roller Brake Testers · Platform Brake Testers · Shock Absorber and Suspension Testers · Side-Slip Testers · Play Detectors · Roller Dynamometers for Performance and Function Testing · Speedometer Testers · Tachograph and Taximeter Testers · Axle and Wheel Load Scales · Scissors Lifts · Two- and Four-Post Lifts · In-Ground Lifts · Pit Jacks · Axle and Transmission Jacks · Mobile Column Lifts · Headlight Testers · Diesel Smoke Meters · Emission Testers for Petrol and Gas Engines · Sound Level Meters · Air Conditioning Service Equipment · Decelerometers · Closing Force Meters · Brake Fluid Testers · Complete Test Lanes for Cars and Trucks · Mobile Test Containers · Wheel Alignment Analysers · Wheel Balancers · Tyre Changers

**Additional Services:** Workshop Design and Planning · Training Seminars for Users and Service Technicians



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