# TACHOGRAPHS: NEC-Tachograph MTCO 1390

MOTOMETER
powered by solutions

The modular MOTOMETER NEC-tachograph MTCO 1390 is setting the benchmark in performance with his modular construction, with separate display and recording rules in technique and design.

The v-pulse sensor – with double pulse – (Part No. 674.008.xxx/664.008.xxx/664.910.xxx) converts the gear revolutions to pulses and sends these to the NEC-MTCO 1390.

The MOTOMETER NEC-MTCO 1390 is available in following variants:

- 1-day unit with rpm recording
- 1-day unit without rpm recording
- 7-day unit with rpm recording
- 7-day unit without rpm recording

The NEC-MTCO 1390 records the speed progression, the distance travelled and the amount of time the vehicle is being driven or has stopped. Up to three drivers can easily select their driving time by selecting the "record change of driver" function using the operation keys (only 7-day unit).

The "stand alone" version does not only display the speed, time and total distance, the driving time symbol and the current driver (only 7-day units with "record change of driver" function) but also the symbol fort he diagram chart/sets of diagram charts inserted.

The speed progression, the distance travelled, the driving and stopping times, additional recording and/or the RPM are recorded on the diagram chart/set of diagram charts.

With the NEC-MTCO the diagram chart is vehicle specific and cannot be transferred to other vehicles.

The internal diagnosis function monitors the system and notifies you automatically if there is a fault in a component or in operation. Menu content for diagnosis data can be called up using the operation keys.

The K-Line versions of this NEC-MTCO 1390 "stand alone" can, if required, be connected to an electronic speedometer 1323 (Part No. 674.024.1250) or a K-Line cluster.

The CAN versions again, if required, can be connected to a CAN bus and can supply other units with information using this.
But all NEC-MTCO 1390 "stand alone" can be operated without being connected to a separate display instrument, as the speed is shown on the display.

In the vehicle existing clusters or electronic speedometers can if required, be operated using the NEC-MTCO v-pulse output.

**MOTOMETER GmbH**
Talweg 8 | 75417 Muelacker-Lomersheim/DE
**Phone** +49 7041 9695-0 | **Fax** +49 7041 9695-55 | **E-Mail** info@motometer.de
**www.motometer.de**

# TACHOGRAPHS: NEC-Tachograph MTCO 1390

The NEC-MTCO 1390 is neither an EEC checking device in accordance with EEC Regulation (EWG) No. 3821/85 nor a tachograph system in the sense of § 57a of the German StVZO.

### NEC-MTCO 1390 1-day uni

The dimensions of the 1-day NECMTCO 1390 comply with DIN/ISO 7736 radio compartment format and thus the device offers a wide range of application possibilities.

The NEC-MTCO 1390 records not only the speed and distance travelled data on the diagram chart but also the driving and stopping times.

With all stand-alone 1-day NECMTCO 1390 the speed is shown on the display. Furthermore, these units have an additional stylus to record other information (e.g. EDM, siren, flashing blue light).

Some versions also record the rpm on the back of the diagram chart (analogue recording).

With the 1-day units the diagram chart turntable is automatically set to the right time (tracked clock).

### NEC-MTCO 1390 7-day

Just as with 1-day units, the dimensions of the NEC-MTCO 7-day comply with DIN/ISO 7736 radio compartment format.

The NEC-MTCO 1390 7-day records not only the speed and distance travelled on a set of diagram charts but also the driving and stopping times.

With all stand alone 7-day NECMTCO 1390 the speed is shown on the display. Furthermore these units have a change of driver device (3 stage).

The 7-day stand alone units without RPM recording have an additional stylus to record more information on the front of the diagram chart (e.g. EDM, siren, flashing blue light).

In contrast, with the 7 day stand alone versions with RPM recording, this additional stylus records in bar form on the front of the diagram chart.

**MOTOMETER GmbH**
Talweg 8 | 75417 Muelacker-Lomersheim/DE
**Phone** +49 7041 9695-0 | **Fax** +49 7041 9695-55 | **E-Mail** info@motometer.de
**www.motometer.de**

# TACHOGRAPHS
# NEC-Tachograph MTCO 1390

**Model overview 24 V**
**(Additional units 12 V and 24 V on request)**

| Producer | Vehicle type | Technical description | Type | Part No. |
|---|---|---|---|---|
| Stand alone | Universal | 1-day, 125 km/h, 24V, CAN (without compensating resistance, 50 ms,basis ISO/TC01), additional stylus, RPM recording on the back of diagram chart, fixed drawer, display green, dimming using PIN A2, tracked clock, for hall-effect sensor or blocking oscillator sensor | 1390-10512200005 | 708.024.1002 |
| Stand alone | Universal | 7-day, 125 km/h, 24V, CAN (without compensating resistance, 50 ms, basis ISO/TC01), RPM-recording in bar form on front of the diagram chart, change of driver (3 steps), fixed drawer, display green, dimming using PIN A2, for hall-effect sensor or blocking oscillator sensor | 1390-20513200005 | 708.024.1001 |

All data subject to technical changes.

**MOTOMETER GmbH**
Talweg 8 | 75417 Muelacker-Lomersheim/DE
**Phone** +49 7041 9695-0 | **Fax** +49 7041 9695-55 | **E-Mail** info@motometer.de
**www.motometer.de**