



Handling a complex world.



MTC 1602-04

Mobile Test Computer

The mobile test computer MTC offers a wide range of applications for calibrating and programming digital and analogue tachographs. As well as determining 'W' figures and pulses/rev constants for engines, system parameters can be programmed on both the digital DTCO 1381 tachograph and the analogue MTCO 1324 and FTCO 1319 tachographs.

All adjustments are made by following the convenient, user friendly menu guidance.

With the mobile test computer MTC the 'W' figures can be determined on an approved 20 m track manually using the start/stop key or, alternatively, using the automatic measuring track. Using the automatic measuring track makes the measurement quicker and easier.

Thanks to its modular structure the MTC gives the user maximum flexibility and adaptability.

Features

- Determination of distance pulse rates ('W' figures) and revs per kilometer for digital, analogue electronic and optional mechanical tachographs (manual or automatic)
- Obtain tachograph constant K
- Display switch settings for 1318 tachographs
- Test sensor unit functions
- Ascertain, align and check engine speed constant
- DTCO 1381 programming
- MTCO 1324 and FTCO 1319 programming and automatic test charts set in the vehicle
- Transfer determined constants to the tachograph types DTCO 1381, MTCO 1324 and FTCO 1319
- Clock test for tachograph types 1314, 1318, 1319, 1324 and 1381
- E-speedometer programming (optional)
- Transfer test results to KIPAS via RS 232 serial interface



Mobile Test Computer

Technical information

Min. measuring speed (Manual measurement)	3 km/h
Max. measuring speed (Automatic measurement)	20 km/h
Display	4 lines x 20 characters
Keyboard	32 keys (incl. 26 with double function)
Data buffering	Lithium battery
Interface	RS 232
Power supply	Via cigarette lighter or power supply socket (cigarette voltage)
Supply voltage	10.5 ... 30.0 V
Operating temperature	-20 °C ... +70 °C
Dimensions	206.4 x 106.3 x 81.4 mm (L x W x H)
Weight	9 kg incl. case
Self-test	Battery capacity in % display test, keyboard test

Approved by the German national metrology institute (Physikalisch-Technische Bundesanstalt)

Two methods of ascertaining distance pulse rates

1) Automatic measurement

Dynamic measurement and automatic calculation of distance pulse rate ('W' figures). In this kind of measurement the mobile test computer MTC receives switching signals via a light barrier and two reflex posts which mark the beginning and end of the measuring track automatically.

2) Manual measurement

The measurement of the vehicle's calibration figures is started and stopped by pressing a key on the MTC. A tape measure is used to measure the measuring track's distance. This value is entered onto the MTC.

Included in delivery

MTC incl. BTC

(Product code 1602-04000060)

- BTC input terminal with measurement electronics
- Interface adapter
- Diagnostic cables for
1314/1318
1319/1324
1381
- Clock test for
1314/1318
1319/1324
1381
- Power leads
- Equipment case

MTC for DTCO and MTCO programming

(Product code 1602-04015010)

- BTC input terminal with measurement electronics
- Interface adapter
- Diagnostic cables for 1324/1381
- Clock test for 1324 and 1381
- Power leads

Options

- Automatic measuring track
(reflex posts and light barrier)
Product code 1602-04020000
- Retrofit kit for programming electronic
speedometer
Product code 1602-89-901-00
- Retrofit kit for KITAS test
Product code 1602-89-905-00

Dealer