



Handling a complex world.



ATC 1601-26

Rolling Road Test Computer

The rolling road test computer ATC is a diagnostic system for digital and analogue tachograph equipment. Due to its modular construction it can easily be connected to various rolling roads. A combination of state-of-the-art technology and compact design allows the mandatory inspection of both digital and analogue tachographs to be performed with maximum efficiency.

The rolling road test computer ATC is used to measure and automatically read the 'W' figures and 'L' figure in the vehicle. A number of other functions can also be carried out e.g. programming DTCO 1381, MTCO 1324 or FTCO 1319 systems.

In the workshop environment the rolling road test computer ATC offers the opportunities for cost savings to be made, as the test process for tachograph inspections is quicker and easier. In fact one person can take the readings alone, whatever the weather.

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
- Align 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

Rolling Road Test Computer

Technical information

Remote control with ATC interface

Display	4 lines x 20 characters
Keyboard	32 keys (incl. 26 with double function)
Data buffering	Lithium battery
Interface	RS 232
Power supply	230 VAC, 50-60 Hz
Operating temperature	-20°C ... +70°C
Dimensions	206.4 x 106.3 x 81.4 mm (L x W x H)
Weight	1 kg
Self-test	Battery capacity in % display test, keyboard test

Double roller set

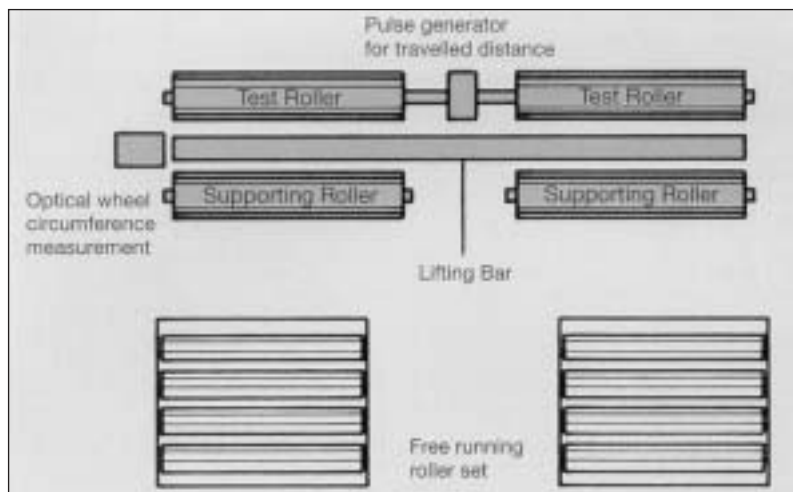
Pneumatic connection	1/2"
Control voltage for valve	230 V, 50 – 60 Hz
Dimensions	3240 x 750 x 1360 mm (W x H x D)
Weight	approx. 1400 kg
Axle load	13000 kg

Roller sensor

Pulse rate for performance test stand	200 pulses per revolution
Pulse rate for 3 metre roller	600 pulses per revolution

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

Double roller set (13 t axle load)



Included in delivery

Basic ATC system (Product code 1601-26000060)

- ATC interface/power unit
- BTC input terminal with measurement electronics
- Interface adapter
- Diagnostic cables for 1314/1318, 1319/1324, 1381
- Clock test for 1314/1318, 1319/1324, 1381
- Various connecting cables

Options

- Double roller set incl. sensor and light barrier
Product code 1601-22-000-01
- Free-running roller set
Product code 1601-2027-000-001
- Light barrier for measuring wheel circumference
Product code X12-140-072-001
- Universal probe
Product code X79-160-116-027
- Sensor adapter for brake test bed
Product code 1601-30-015-00
- Retrofit kit for programming electronic speedometer
Product code 1602-89-901-00
- 100 markers (10 on each card)
Product code 1601-2100-050-001

Notes

Lorries with double-drive rear axle:

- with no lockable differential cannot be tested using the ATC rolling road test computer

On vehicles with anti-skid control:

- it must be possible to disable the anti-skid control system

