

# STC 1601-25

## Stationary Test Computer



[www.siemensvdo.com](http://www.siemensvdo.com)

The Stationary Test Computer STC 1601-25 is used in the workshop as a multifunctional diagnostic device for tachographs. Already in the standard version the Stationary Test Computer offers the complete scope of tests.

The Automatic version of the Stationary Test Computer offers computer controlled test runs, thus increasing productivity.

The prefitted version may be upgraded to an automatic version with an Operating Test Computer BTC.

### STC Standard

- \_ Drive of mechanical tachographs, taximeter and encoder for digital tachographs
- \_ Activation of electronic tachographs
- \_ Counting of engine revolutions respectively pulses
- \_ Determination of tachograph driving constants
- \_ Power supply with fixed and variable voltage and current display
- \_ Checking of distance counter

### STC Automatic

Same as STC Standard, in addition:

- \_ Automatic test chart run
- \_ Variable pre-adjustment of driving constants
- \_ Fixed speeds to be selected at random
- \_ FTCO 1319 programming (optional)
- \_ Determination of gear difference for the clock works of the tachograph types 1314, 1318, 1319 and 1324
- \_ E-speedometer programming (optional)
- \_ MTCO 1324 programming (optional)

### STC Pre-fitted

Same as STC-automatic but:

- \_ Without Operating Test Computer BTC

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## Stationary Test Computer

### Technical Information

	STC Standard	STC Automatic	STC Prefitted
Temperature range	+ 5 ... + 40 °C	+ 5 ... + 40 °C	+ 5 ... + 40 °C
Mains connection	187 - 244 V, 50 Hz	187 - 244 V, 50 Hz	187 - 244 V, 50 Hz
Mechanical drive			
Speed	v = 10 to 200 km/h	v = 10 to 200 km/h	v = 10 to 200 km/h
Revs	n = 160 to 3333 min-1	n = 160 to 3333 min-1	n = 160 to 3333 min-1
Torque	14 Nm	14 Nm	14 Nm
Power supply	5...30 V, max. 3 A	5...30 V, max. 3 A	5...30 V, max. 3 A
Displays	LCD	LCD	LCD
Dimensions (mm)	395 x 315 x 225 (LxWxH)	395 x 315 x 225 (LxWxH)	395 x 315 x 225 (LxWxH)
Weight	12 kg	13 kg	12,5 kg
Display BTC	-	4 lines x 20 characters	-
Keyboard BTC	-	32 keys, 26 keys double function	-
Self-check BTC	-	Battery capacity in %, Display Test	-
Interface BTC	-	RS232	-

### Included in delivery Stationary Test Computer Standard 1601-25001010

- \_ Measuring leads for v and n
- \_ Lead for K-measuring
- \_ Power supply lines
- \_ Special key
- \_ Drive shaft
- \_ Mains connection lead
- \_ Connecting piece

### Included in delivery Stationary Test Computer Automatic 1601-25000010

- Same as Stationary Test Computer Standard in addition:
- \_ Operating Test Computer BTC
  - \_ Integrated interface
  - \_ Clock test 1314, 1318, 1319 and 1324

### Included in delivery Stationary Test Computer Pre-fitted 1601-25006010

- Same as Stationary Test Computer Standard in addition:
- \_ Integrated interface
  - \_ Using BTC possible

### Options

- \_ Programming cable for FTCO 1319  
1602-78-006-03
- \_ Retrofit set E-speedometer programming  
1602-89-901-00
- \_ Retrofit set MTCO 1324-programming /  
1602-89-902-01
- \_ Programming cable for SE 2400  
1602-78-175-01