

ProgS 1.05.xx

tachograph simulator programming tool

USER MANUAL

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ProgS software

ProgS is a software tool to read data from tachograph and program DTCOSIM tachograph simulator. The software communicates with the tachograph simulator or tachograph using USB-KSIM interface.

The ProgS software works on Windows XP and Windows 7.

Main program window:

	Programmer ProgS	
æ	USB Device Device No. 1305078129 Device Type: Interface USB-KSIM	DTCOSIM Programmer ProgS v1.04.XX
Stoneridge 2 Siemens/VD DTCO	A00 0 1324 Read STOP	Write DTCOSIM
	Disco clastika kura ai kasharusak a	und alfalt (D and)
	Flease select the type of tachograph a	

fig.1 – main program window

Reading data

The ProgS can read from tachograph or tachograph simulator.

The tachograph/tachograph simulator should be connected to computer using USB-KSIM interface.

Select the type of tachograph device that will be read and press "Read". The ProgS software can read data from tachograph or tachograph simulator. In case of reading from tachograph simulator the device type should be set to the device that is simulated by DTCOSIM.

The USB-KSIM should be connected to the target device using appropriate connector kit:

- DTC to connect to digital DTCO or tachograph simulator
- STN to connect to Stoneridge 2400 tachograph
- 1324 to connect to 1324 tachograph

Each tachograph type contains different data set, below are examples for each type of tachograph:

	Programmer ProgS		
ŝ	USB Device Device No. 13050781 Device Type: Interface	29 USB-KSIM	DTCOSIM Programmer ProgS v1.05.XX
Stoneridge 2 Siemens/VD DTC0	2400 00 1324 Read	STOP	Write DTCOSIM
Reading Da	ata		
OK	Manufacture date	2011-0	7-13
OK	Odometer [km]	108064	,6
OK	K-const	9000	
OK	VIN	WMAH	05ZZZ3M35000X
OK	UTC	2013-0	5-29 08:14 offset:+01:00
OK	o/p shaft faktor	3,000	
End		[Click va	lue to edit]
Add	data to write		Set Product Code

fig.2 – 2400 tachograph data read

R	USB Device Device No. 1305078129 Device Type: Interface USB-KSIM	DTCOSIM Programme ProgS v1.05.XX			
Stoneridge Siemens/VI STCD	2400 DO 1324 Read STOP	Write DTCOSIM	odified on		
Reading D	ata				
ОК	Product Code 1324	1.020000000500			
ОК	VIN WM	AH05ZZZ3M35000X			
ОК	Manufacture date 2011	1-07-13			
ОК	Time Offset +01:	00			
ОК	UTC 2013	3-05-29 08:15:08			
ОК	Odometer [km] 1080	064,6			
ОК	Effective Circumference 3000)			
ОК	K-const 9000)			
ОК	o/p shaft faktor 3.00	0			
End	[Clicl	<pre>k value to edit]</pre>			

fig.3 – 1324 tachograph data read

	Programm USB I Device	er ProgS Device No. 13050781	29		DTCO		rogrammer
Stoneridge 2 Siemens/VE	Device 2400 00 1324	Type: Interface Read	USB-KSIM STC)P	Write D	TCOSIM	
Reading D	ata						
OK	ECUH	lardware No.		1381			
OK	Manuf	acture date		2011-07-13			
OK	K-con	st		9000			
OK	Odom	eter [km]		108064,6			
OK	VIN			WMAH05ZZ	Z3M350	000X	
OK	Tyre S	ize		295/95R22.	5		
OK	Next C	Calibration		2013-01-01			
OK	UTC			2013-05-29	08:15 c	offset:+0	1:00
OK	o/p sh	aft faktor		3,000			
OK	Effect	ive Circumfer	ence	3000			
OK	Vehicl	e Registration	i No.	NOL00000			
ОК	Vehicl	e Registration	Date	2013-06-01			
OK	Regist	tering Membe	r State	PL			
OK	Speed	Authorised[k	m/h]	90			
End				[Click value to	o edit]		
						Set Pro	oduct Code

fig.3 – DTCO tachograph data read

Editing data

Click the editable value to open edit box:

OK	UTC	2010-03-24 08:14 offset:-01:00	
ОК	o/p shaft faktor	-> 3,000 OK	X
ОК	Effective Circumference	5580	

Buttons:

"->" – Revert to original value.

"X" – Cancel edit.

"OK" – Confirm edit. The value will be validated and the data will be prepared to write operation. If the value is incorrect the message will appear:

INFO	×
Please cor	rect data !!!
	ОК

Writing data

The ProgS software allows writing only to Tachograph Simulator (DTCOSIM). The DTCOSIM must be connected using USB-KSIM infertace with DTC cable. Cables between USB-KSIM and tachographs / tachograph simulator can be changed without unplugging USB-KSIM from computer.

Click "Write DTCOSIM" to write data to DTCOSIM. If the "modified only" box is checked only modified data will be saved to DTCOSIM, otherwise all data will be sent and saved into DTCOSIMM.

Clicking the "Add data to write" button will open additional data list to write (fig. 4). This list is used to add values that are supported by the tachograph simulator but was not read from the attached device. For example if data come from 1324 tachograph, the " add data to write" list will have 2400 and DTCO tachograph specific parameters. These additional data can be edited and wrote to the device together with all other parameters.

The additional data are written if it is not empty. This means that if you don't want to write it, it should be left blank (delete the parameters value).

USB Device Device No. 1305078129 Device Type: Interface USB-KSIM			DTCOSIM Programm ProgS v1.05.XX			
Stoneridge 2 Siemens/VE DTCO	2400 00 1324 Read	STOP	Write	DTCOSIM	│	
Reading D	ata					
OK	Manufacture date	2011	-07-13			
OK	Odometer [km]	1080	64,6			
ОК	K-const	9000				
<u>OK</u>	VIN WMAH05ZZZ3M35000X					
<u>OK</u>	UTC	2013	-05-29 08:24	offset:+0	1:00	
OK	o/p shaft faktor	3,000)			
End		[Click	value to edit]			
Close	Additional data to	write. (always wri	iten if not empty)	Set Pro	oduct Code	
	Effective Circumferer	nce 3000	Ì			
	Tyre Size	295/	95R22.5			
	Next Calibration	2013	-01-01			
	Vehicle Registration	No. NOL	00000			
	Vehicle Registration	Date 2013	6-01-01			
	Registering Member	State PL				
	Speed Authorised[km	/h] 90				
		[Click	<pre><value edit]<="" pre="" to=""></value></pre>			

fig.4 – additional data list

Setting "Product Code" parameter

The "Product code" must be set for the tachograph simulator to work properly. This parameter consist of 16 digits with dot after 4-th digit, example:

1324.62000000400

For the 1324 type tachograph the "Product Code" is set manually. Refer to DTCOSIM service manual for instructions.

For DTCO and 2400 tachograph the "Product Code" can be set using "Set Product Code" button.

After clicking the "Set Product Code" button the configuration window will appear. The configuration window will initially setup "Product Code" with data read from attached device. The configuration will be made in 1 or 2 steps depending on the tachopgraph configuration.

For DTCO with "CANTCO1 repetition rate" parameter equal to "0" there will be only one step configuration as the 10-th digit of "Product Code" will be permanently set to "1".

Further instructions will be displayed in configuration windows.







CB Electronics ul. Przybyszewskiego 43, 01-849 Warszawa tel: +48 22 864 19 34, fax: +48 22 864 19 35 e-mail: www.cbe.com.pl