How to print out a protocol in the form of screenshots?



9-03-2016 (DD.MM.YYYY)

LE301 N2 00748-11763645-00-0 CALMET SP. 2 O.O.

CALMET TE30 Power Network Analyser and Tester TE30 0.2.9 SN:071 www.calmet.com.p

UL. KUKULCZA 18, 65-472 ZIELONA GORA, POLSKA

PAFAL 4C52dz, 3X230/400V, 10(40)A

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ΣP 1988.23 W ΣQ 400.695 var ΣS 2092.54 VA ΣPF 0.95015

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Application note No09

The TE30 analyzer has been equipped with a new feature that enables it to print out protocols in the form of a series of screenshots. The operator has the option to choose to generate the screenshots from a saved file or a halted measurement. This allows the operator to precisely document the results of the measurement and to record the conditions surrounding the measurement process. The main advantage of generating a protocol in the form of a series of screenshots is that such a protocol will be identical to what the operator sees on his display during the measurement process. This is especially important when generating measurement results protocols for parties with conflicting interests, such as suppliers and buyers of electricity.

To print a protocol of a meter error test consisting of three screenshots from a saved file, please follow the instructions below:



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ABC

00 Similar to step **1**², select the fields for the factory number, client name, client address and comments. Next, fill out the client details following the step **16**

CALMET

Save the results of the measurement



06 Return to the meter error testing function window

1 Return to the starting window

0	Open the saved file with the measurement results	Image: state
		WWW.CALMET.COM.PL
00	Select the file registry window	
		TE30 0.2.7 SN: 24024
		Image: Second
00	Select the file name	_E301.MRR ← LE301.MRR 16-03-2016 13:41:38
		Image: Second
00	Open the selected file	LE301.MRR 16-03-2016 13:41:38
		PAFAL 4C52dz, 3X230/400V, 10(40)A
		↓ ↓
ß	Print client details window	
U	screenshot	U ₂ ; 384.306 V 418.624 V 383.657 V U ₄ ; 30.009 Hz U ₂ ; 384.306 V 418.624 V 383.657 V U ₄ ; 22.7999 V L; 2.91619 A 3.54167 A 2.68721 A L; 1.20680 A
60	Select the print function	φ 0.956 29.070 -1.004 RMS PF: 0.99988 0.87337 0.99987 Σ 0.95015
		sin: 0.01527 0.48706 -0.01581 Σ 0.19149 tgΦ 0.01528 0.55768 -0.01581 Σ 0.20153
		Φwi: 115.480 129.023 -115.497 O: L123 P: 648.176 W 718.373 W 621.684 W Σ 1.98823 kW Q: 9.0181 war 400.624 war 9.83106 W Σ 1.98823 kW
		S: 648.251 VA 822.529 VA 621.763 VA Σ: 2.09254 kVA
80	Print the client details window	↓ ↓ ▶ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽
		0%
		CALMET SP. Z O.O.
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		PAFAL 4C52dz, 3X230/400V, 10(40)A

- Print the meter error test function window screenshot
- **3** Select the meter error test function window



Print the meter error test function window screenshot

6	Print	the	vector	diagram
	windo			

51 Select the vector diagram window





92 Print the vector diagram window



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12:56:48

TE30

Network Analyser and Tester

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09-03-2016 (DD.MM.YYYY)

SN:071

Power

TE30 0.2.9

• Retrieve the printed protocol from the printer

The example protocol contains three screenshots:

- client details window,
- meter error testing window,
- vector diagram window.

It is possible to print an unlimited numer of screenshots in any order chosen by the operator.

U1-auto U2-auto Ж i1=auto i2-auto 12:56:48 Ρ LE301 3 Nº 00748-11763645-00-0 CALMET SP. Z O.O. • UL. KUKULCZA 18, 65-472 ZIELONA GORA, POLSKA PAFAL 4C52dz, 3X230/400V, 10(40)A 9 CALMET TE30 Power Network Analyser and Tester SN:071 www.calmet.com.pl TE30 0.2.9 09-03-2016 (DD.MM.YYYY) 12:56:48 L L R P U1-auto 11-auto U2-auto U2-auto U2-auto B-auto 12:56:48 0.095% TEST Ē 1988.23 W 5P ΣQ 400.695 var te-Es 0.041% n: 3 Σs 2092.54 VA ε RMS ΣPF 0.95015 -1.00% +1.00% 0 0.173% ٤ı E2 E3 E4 0.055% ε 0.056% t 19 s C: [2000000 imp/kWh ٤5 ----20 t/N: 5 1/1 CALMET TE30 Power Network Analyser and Tester TE30 0.2.9 SN:071 www.calmet.com.pl 12:56:48 09-03-2016 (DD.MM.YYYY) <u>Ux</u> Ix Ж U1-auto U2-auto U3-auto I1-auto I2-auto I3-auto t Р 8 (35 (7),1 12:56:48 09-03-2016 P- Q+ P+ Q+ U1T U1: 222.294 m υ U2: 232.244 v U1-+ U3: 231.378 H 11. 2 91619 11-> 3.54167 12: Α RHS 13: 2.68721 4 U φ1: 0.956 02: 29.070 Φ3: -1.004 ε 13 In U3 U2 C.S. Uju: 5.840 % 12 L123 22.7999 0 P+Q-IV U.: Y 🕞 P- Q-1/1 1.: 1.20680 A

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Calmet Ltd Kukulcza 18, 65-472 Zielona Gora, Poland Phone +48 68 324 04 56 Fax +48 68 324 04 57 E-mail: mail@calmet.com.pl Web access: http://www.calmet.com.pl