

Анализаторы качества электроэнергии DT-7760, DT-7761, DT-9053, DT-9057

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +375-257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: mce@nt-rt.ru || сайт: <https://cem.nt-rt.ru/>

DT-7760/7761

Three-phase Power Quality Analyzer with InfraRed Thermal Imager

CEM

Bluetooth
Meterbox Pro



Wi Fi



EMC & LVD

EN: 61326

EN: 61010-1

EN: 61010-02-032

EN: 61010-02-033



Thermal Imager Specifications (Only 7761)

IR resolution	120x90 pixels
Field of View (FOV)	50° x 38°
Thermal sensitivity/NETD	< 0.06°C /60mK
Image frequency	30Hz
Object temperature range	-20 to 400°C (-4 to 752°F)
Spectral range	8-14 μ m
Color palettes	Iron/Rainbow/Grey/Grey Inverted
Accuracy	$\pm 2^{\circ}\text{C}$ ($\pm 3.6^{\circ}\text{F}$) or $\pm 2\%$ of reading

Three-phase Power Quality and Energy Analyzer Specifications (7760/7761)

	Range	Resolution	Accuracy
Volt			
Vrms (AC+DC)	1V to 1000V phase to neutral	0.1V	$\pm 0.5\%$ of nominal voltage
Vpk	1Vpk to 1400 Vpk	1V	5% of nominal voltage
Voltage Crest Factor (CF)	1.0 > 2.8	0.01	$\pm 5\%$
Amps (accuracy excluding clamp accuracy)			
Amps (AC +DC)	0.5A to 6000A	0.1A	$\pm 0.5\% \pm 5\text{counts}$
Apk	8400 Apk	1 Arms	$\pm 5\%$
A Crest Factor (CF)	1 to 10	0.01	$\pm 5\%$
Hz			
Hz	42.500 Hz to 460 Hz	0.001 Hz	$\pm 0.01\text{Hz}$
Watts (VA, var)	max 6000 MW,	0.1W to 1MW	$\pm 1\% \pm 10\text{counts}$
Power factor	0 to 1	0.001	$\pm 0.1\%$ @ nominal load conditions
Harmonics			
Harmonic order (n)	DC, 1 to 50 Grouping: Harmonic groups according to IEC 61000-4-7		
Inter-harmonic order (n)	OFF, 1 to 50 Grouping: Harmonic and Interharmonic subgroups according to IEC 61000-4-7		
Volts	0.0 % to 100 % (%f)	0.1%	$\pm 0.1\% \pm n \times 0.1\%$
	0.0 to 1000 V (Absolute)	0.1V	$\pm 5\%$
Amps	0.0 % to 100 % (%f)	0.1%	$\pm 0.1\% \pm n \times 0.1\%$
	0.0 to 600A (Absolute)	0.1A	$\pm 5\% \pm 5\text{counts}$
Watts	0.0 % to 100 % (%f or %r)	0.1%	$\pm n \times 2\%$
	Depends on clamp scaling and V nominal (Absolute)		$\pm 5\% \pm n \times 2\% \pm 10\text{counts}$
Phase Angle	-360° to +0°	1°	$\pm n \times 1^{\circ}$
Flicker			
Plt, Pst, Pst(1min) Pinst	0.00 to 20.00	0.01	$\pm 5\%$
Unbalance			
Volts	0.0% to 20.0%	0.1%	$\pm 0.1\%$
Amps	0.0% to 20.0%	0.1%	$\pm 1\%$
Inrush mode	Arms(AC+DC)		
Memory	Screens & data		

7760/7761 Three-phase Power Quality and Energy Analyzer offers the best power quality analysis and the ability to monetarily quantify energy losses. It can measure voltage, current, frequency, power, power energy flicker, harmonics and inter-harmonics etc.

7760/7761 helps locate, predict, prevent, and troubleshoot power quality problems in three-phase and single-phase power distribution systems.

7761 Is three-phase Power Quality and Energy Analyzer with InfraRed Thermal Imager.

Features:

- Built-in Thermal Imager design quickly identifies hot spots without contact (7761)
- 120x90 Infrared resolution
- Bluetooth BLE instant share function & WiFi
- Power inverter efficiency
- Power wave data capture
- Waveform capture
- Automatic transient mode
- Fully Class-A compliant
- Mains signaling
- 50/60Hz measurement
- Troubleshoot
- Highest safety rating in the industry
- Measure all three phases and neutral
- Automatic trending
- System-Monitor
- Logger function
- View graphs and generate reports

Size(HxWxD): 240mm x 160mm x 100mm

Weight: 1.2kg

Accessories :

ACA current clamp sensor, USB cable, Software and gift box.

DT-9053 Circuit Analyzer



Model 9053



EMC & LVD
EN: 61326
EN: 61010-1
EN: 61010-02-032
EN: 61010-02-033



9053 insulation test has been evaluated and complies with insulation category III (overvoltage category III). Pollution degree II in accordance with IEC-644 indoor use.

- Digital LCD display with backlit
- Display update for voltage less than 2.5 second
- Over-range indication on all functions
- ACV True RMS measurement

Specifications

	Range	Resolution	Accuracy
Line voltage	85.0~250.0 VAC	0.11V	±1.0%rdg ±0.2dgt
Peak line voltage	121.0~354.0 VAC	0.1V	±1.0%rdg ±0.2dgt
Frequency	45.0~65.0 Hz	0.1Hz	±1.0%rdg ±0.2dgt
%voltage drop	0.1% ~99.9%	0.1%	±2.5%rdg ±0.2dgt
Voltage loaded	10.0 ~ 250.0 VAC	0.1V	±2.5%rdg ±0.2dgt
Neutral-Ground V	0.0 ~ 10.0 VAC	0.1V	±2.5%rdg ±0.2dgt
Impedance-Hot neutral & Ground	0.00Ω~3.00Ω> 3Ω	0.01Ω	±2.5%rdg ±0.02dgt
GFCI Trip Time	1ms to 6.5ms counter	1ms	±1.0%rdg ±2ms
GFCI Trip Current	6.0 ~ 9.0mA	0.1mA	±1.0%rdg ±2mA
EPD Trip Current	30.0 ~ 37.0mA	0.1mA	±1.0%rdg ±2mA

Size(HxWxD): 200mm x 70mm x 45mm
Weight: 206g

Accessories: Clamshell.

DT-9057

AFCI, GFCI and AC Circuit Analyzer

CEM

Quickly checks for correct wiring of AC outlet load handling capabilities plus Outlet Tester functions

Features

- Outlet Tester functions:AFCI
- GFCI Trip Current
- GFCI Trip Time
- EPD Trip Current
- Neutral to Ground Voltage
- Hot, Neutral and Ground Impedance
- Open or Reversed wiring
- AC Load Tester:Selectable loads of 12, 15 and 20 Amps
- Measures loaded and unloaded AC Line Voltage
- Calculates and displays % Voltage Drop and Line Impedance
- Displays Peak Line Voltage and Frequency
- Over-Temperature protection
- Complete with AC test cord



EMC & LVD
EN: 61326
EN: 61010-1
EN: 61010-02-032
EN: 61010-02-033



Model 9057

Specifications

Measurement Range	Accuracy
AC Voltage	85.0 to 250.0V
Frequency	45.0 to 65.0Hz
Peak Line Voltage	350.0V
% Voltage Drop	0.1 to 99.9%

Size(HxWxD): 195mm x 70mm x 48mm

Weight: 415g

Accessories: Clamshell.



По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +375-257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: mce@nt-rt.ru || сайт: <https://cem.nt-rt.ru/>