



# Accessory Catalog

## Current Probes

Clamp-on - AC only



TR-2500B 10A-500ARMS CT



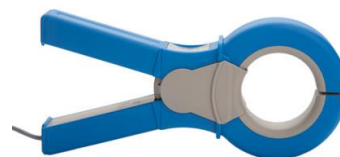
TR-2501B 100 mA to 1.2ARMS-CT



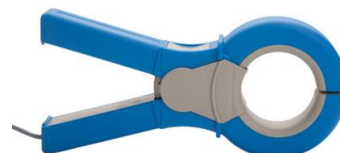
TR-2510B 1A-10ARMS CT



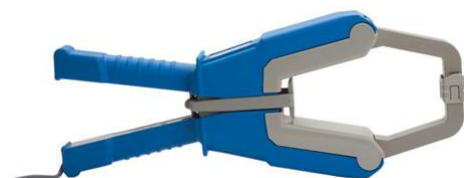
TR-2550B 1A-100ARMS CT



TR-2530B 20A-300ARMS CT



TR-2540B 10A-1000ARMS CT



TR-2520B 100A-3000ARMS CT

Model	Range		Amplitude Accuracy ±	Phase Accuracy ±	Frequency Range	Maximum Conductor Size	Rated Voltage	Connector/ Output
Clamp CT's								
TR-2500B	10A to 500Arms	100A to 500A	1%	1.5°	40Hz to 5KHz	50mm dia.	600V Max.	Dranetz 1.5V
		10A to 100A	2%	3°				
TR-2501B	100mA to 1.2Arms	1.2A	1.5%	2°	40Hz to 5KHz	15mm dia.	600V Max.	Dranetz 1.5V
		100mA	2%	3°				
TR-2510B	1A to 10Arms	5A to 10A	1.2%	1.5°	40Hz to 5KHz	15mm dia.	600V Max.	Dranetz 1.5V
		1A to 5A	1.2%	1°				
TR-2520B	100A to 3000Arms	1000A to 3000A	0.5%	0.5°	40Hz to 5KHz	72mm dia.*	600V Max.	Dranetz 1.5V
		300A to 1000A	0.75%	0.75°				
		100A to 300A	1.5%	1.5°				
TR-2530B	20A to 300Arms	50A to 300A	1%	0.5°	30Hz to 5KHz	54mm dia.	600V Max.	Dranetz 1.5V
		20A to 50A	1.5%	0.6°				
TR-2540B	10A to 1000A	100A to 1000A	1%	0.4°	30Hz to 5KHz	54mm dia.	600V Max.	Dranetz 1.5V
		10A to 100A	1.5%	0.5°				
TR-2550B	1A to 100Arms	10A to 100A	1%	2.5°	40Hz to 10KHz	15mm dia.	600V Max.	Dranetz 1.5V
		1A to 10A	2%	5°				

**Note:** These are guidelines only. Many other factors will influence the stated accuracy, including but not limited to, temperature, humidity, frequency, and conductor position. Model numbers and specifications subject to change without notice.

TR probes with an "A" suffix have the same specifications as above.

The current probes shown above have a 1.5V output, Dranetz Hypertronics connector, 3 meter cable and are directly compatible with the following Dranetz products:

### Portable instruments

Dranetz HDPQ family, PowerXplorer, PowerGuide, PowerVisa, PowerGuia, Energy Platform, PP4300, 658 with CA4300 adapter.

### Permanent instruments

Encore 61000 with 61MAC module, Signature System 55XX. Adapters are available for use with other instrument configurations; Please contact Customer Service for details.





## AC/DC Current Probes

**PR150-SP1B 150A CT**

**PR1500-SP7B 1500A CT**

(Requires one PR9VUS AC adapter for each probe. UK, Euro plugs available.)



**PR150-SP2B 150A CT**

**PR1500-SP8B 1500A CT**

(9v battery powered only)



Model	Range		Amplitude Accuracy ±	Phase Accuracy +/-	Frequency Range	Maximum Conductor Size	Rated Voltage	Connector/ Output
PR150B	15A to 150A	15A to 150A	1%	3°	DC to 5KHz	52mm dia.	600V Max.	Dranetz 1.5V
PR1500B	150 to 1500A	150A to 1500A	1%	1°	DC to 5KHz	52mm dia.	600V Max.	Dranetz 1.5V

Note: These are guidelines only. Many other factors will influence the stated accuracy, including but not limited to, temperature, humidity, frequency, and conductor position. Model numbers and specifications subject to change without notice.

The current probes shown above have a 1.5V output, Dranetz Hypertronics connector, 2 meter cable and are directly compatible with the following Dranetz products:

### Portable instruments

Dranetz HDPQ family, PowerXplorer, PowerGuide, PowerVisa, PowerGuia, Energy Platform, PP4300, 658 with CA4300 adapter.

### Permanent instruments

Encore 61000 with 61MAC module, Signature System 55XX. Adapters are available for use with other instrument configurations; Please contact Customer Service for details.

### PR9VUA AC Adapter (for PR Probes Only)



AC power adapter for the PR150 and PR1500 AC/DC probes

## Current Probe Accessories

### TR PROBE EXTENSION CABLE



<b>TREXT5</b>	5' Long	<b>TREXT20</b>	20' Long
<b>TREXT10</b>	10' Long	<b>TREXT25</b>	25' Long
<b>TREXT15</b>	15' Long	<b>TREXT30</b>	30' Long

### ISO-65X-5



0-5A ISO CT Term Box (needs CA4300)

### CA4300BNC



BNC to TR adapter

### TRTOREDEL



Adapter for RPM clamp-on CT's

### CA4300



Adapter for 65x type CT's



## Flexible Probes

AC only

### Single Phase



**DRANFLEX3000XLB 30A/300A/3000A Probe**

**DRANFLEX6000XLB 60A/600A/6000A Probe**

Available in 24", 36" and 48"

### Three Phase



**DRANFLEX3003XLB 30A/300A/3000A Probe**

**DRANFLEX6003XLB 60A/600A/6000A Probe**

Available in 24", 36" and 48"

Model	Range		Amplitude Accuracy ±	Phase Accuracy +/-	Frequency Range	Maximum Conductor Size	Rated Voltage	Connector/ Output
DRANFLEX3000XLB DRANFLEX3003XLB 24/36/48	3A to 3000A (3 Ranges)	3A to 30A	1%rdg, ±0.1A	1°	10Hz to 10KHz	8/11/17in dia.	1000V Max	Dranetz 1.5V
		30A to 300A	1%rdg, ±0.1A	1°				
		300A to 3000A	1%rdg, ±1A	1°				
DRANFLEX 6000XLB DRANFLEX 6003XLB 24/36/48	6A to 6000A 3 ranges	6A to 60 A	1%rdg, ±0.1A	1°	10Hz to 10KHz	8/11/17in dia.	1000V Max	Dranetz 1.5V
		60A to 600A	1%rdg, ±0.1A	1°				
		600A to 6000A	1%rdg, ±1A	1°				

**NOTE:** These are guidelines only. Many other factors will influence the stated accuracy, including but not limited to; temperature, humidity, frequency, and conductor position. Model numbers and specifications subject to change without notice.

## MicroFlex Probes

AC only-Single phase



**DRANFLEX300MHB 3A/30A/300A Probe**

Available in 6", 8" and 12"

Model	Range		Amplitude Accuracy ±	Phase Accuracy +/-	Frequency Range	Maximum Conductor Size	Rated Voltage	Connector/ Output
DRANFLEX300MHB6 DRANFLEX300MHB8 DRANFLEX300MHB12 6/8/12	0.3A to 300A 3 ranges	0.3A to 3A	1%rdg, ± 0.1A	1°	25Hz to 70kHz	2/2.75/4in dia.	1000V MAX	Dranetz 1.5V
		3A to 30A	1%rdg, ± 0.1A	1°				
		30A to 300A	1%rdg, ± 0.5A	1°				

Note: These are guidelines only. Many other factors will influence the stated accuracy, including but not limited to; temperature, humidity, frequency, and conductor position. Model numbers and specifications subject to change without notice.

The current probes shown above have a 1.5V output, Dranetz Hypertronics connector, 3 meter cable ( 2 meters from probe head to Integrator box, 1 meter to instrument) and are directly compatible with the following Dranetz products:

#### Portable instruments

Dranetz HDPQ family, PowerXplorer, PowerGuide, PowerVisa, PowerGuia, Energy Platform, PP4300, 658 with CA4300 adapter.

#### Permanent instruments

Encore 61000 with 61MAC module, Signature System 55XX. Adapters are available for use with other instrument configurations;

Please contact Customer Service for details.



## DranFlex Power Supplies

( Not required for use with the Dranetz HDPQ family, when Dranflex XLB (blue) probes are used. )

### ISOFLEX-MHXL\*



Isolated 3 volt power adapter for use with an Instrument's power supply. Does **NOT** include the RR/PS/4A cable for up to 4 probes.

### ISOFLEX-MHXLU



Isolated 3 volt probe power supply with wall adapter and interchangeable plugs. Does **NOT** include the RR/PS/4A cable for up to 4 probes.

*Includes interchangeable plugs for: US, Europe, UK, and Australia.*

### ISOFLEX-MHXL4P\*



Isolated 3 volt power adapter for use with an Instrument's power supply. Powers up to four probes

### ISOFLEX-MHXLU4P



Isolated 3 volt power adapter with RR/PS/4A cable for up to four probes.

*Not suitable for use with LPC-4300. Includes interchangeable plugs for: US, Europe, UK, and Australia.*

### RR/PS/4A



Flex power cable for up to 4 probes.

\*ISOFLEX-MHXL and ISOFLEX-MHXL4P Isolated power adapters are intended for use with an instruments power supply. Compatible with PX5, PX5-400, PowerGuide, PowerVisa, Energy Platform EP1, and 61STD instruments.





## Miscellaneous Accessories

### USB-FLASH



USB flash drive (Micro)-8GB.

### 118308-G1



HDPQ battery door.

### MM-HDPQ Magnetic Mounting Option



*Magnetic Mounting Option for HDPQ. (HDPQ unit not included)*



### 118313-G1 Keyhole Mounting Kit (Standard Accessory)



*Keyhole mounting kit for HDPQ*

## Batteries & Power Adapters

### BP-HDPQ (Standard Accessory)



Battery for HDPQ-Xplorer400, HDPQ-Xplorer, HDPQ-Guide, and HDPQ-Visa.

### PS-HDPQ AC Power Adapter (Standard Accessory)



Instrument power supply for HDPQ-Xplorer400, HDPQ-Xplorer, HDPQ-Guide, and HDPQ-Visa.

### External Battery Charger



**XBC-HDPQ-US**  
**XBC-HDPQ-EU**  
**XBC-HDPQ-UK**  
**XBC-HDPQ-AU**

- External battery charger XBC-HDPQ, and US 125V cord only
- External battery charger XBC-HDPQ, European 250V cord, and US 125V cord
- External battery charger XBC-HDPQ, UK 250V cord, and US 125V cord
- External battery charger XBC-HDPQ, Australian, 250V cord, and US 125V cord







## Measurement Accessories

### VCS-HDPQ Voltage Cable Set (Standard Accessory)



Voltage cable set with 4mm connectors.

*Compatible with portable and permanent systems with 4mm voltage connectors.*

**Includes:**

- 8 - Six ft. (183cm) measurement cables:  
4 Black (901963), 4 White (900370)
- 4 - White alligator clips (901962)
- 4 - Black alligator clips (901794)
- 4 - Black 25 cm stackable jumpers (114013-G1)
- Current and Voltage Wire Marking Kit (WMI-KIT, WMV-KIT)

### White Alligator Clip 901962

(Standard Accessory)



### Black Alligator Clip 901794

(Standard Accessory)



### 114013-G1 (Standard Accessory)



- 1 - Black 25 cm stackable jumpers

### WMI-KIT Snap-on Current Wire Marking Kit (Standard Accessory)



Snap-on wire marking kit for current cables.

### WMV-KIT Snap-on Voltage Wire Marking Kit (Standard Accessory)



Snap-on wire marking kit for voltage cables.

### FVA-1K1 Single Fuse Voltage Adapter



In-line fuse adapter for one voltage channel, 4mm connector, 1000V MAX.

*Compatible with portable and permanent systems with 4mm voltage connectors.*

### FVA-1K4



Set of 4 in-line fuse adapters, 4mm connector, 1000V MAX.  
*Compatible with portable and permanent systems with 4mm voltage connectors.*



## Communications

### GPSMAKIT-HDPQ



HDPQ GPS receiver and *magnetic mount GPS antenna*.

### PQ + Sentry



The Dranetz HDPQ Xplorer 400, Xplorer, and Guide are now capable of integrating with GoPro Hero4 video cameras. With this option, when a Dranetz HDPQ Power Quality Analyzer triggers an event, it then sends a message to the GoPro's camera via Wi-Fi to save a looped video to the GoPro's SD card. The GoPro video can then be viewed or edited by using GoPro Studio, available as a free download from GoPro.

### USB-MCABLE (Standard Accessory)



USB male A to USB Micro B, 6 foot cable.

### USB-BLUEBTOOTH (Standard Accessory on HDPQ-Guide, HDPQ-Xplorer and HDPQ-Xplorer400)



USB Bluetooth 2.1 adapter, Class I

### ETH-CABLE



Ethernet cable, CAT5, 10 ft.

### ETHX-CABLE



Ethernet crossover cable, CAT5, 10 ft.





## HDPQ Carrying Cases and Enclosures

### SCC-HDPQ Soft Carry Case



Soft carry case. Storage compartments for the instrument, CT's, voltage cables, and more.

**Dimensions:**

12" L x 18" W x 9" D

30.5cm L x 45.72cm W x 22.86cm D

### RSC-HDPQ



Rugged shipping container with foam inserts and lid organizer. Retractable extension handle with strong polyurethane wheels.

**(Does NOT include HDPQ).**

Interior dimensions:

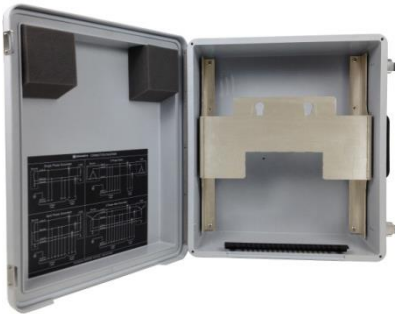
19.75" L x 11.00" W x 7.60" D

50.1cm L x 27.9cm W x 19.3cm D

FAA maximum carry on size



### ENCL-HDPQ-US



HDPQ weather resistant enclosure, includes 115 volt phase power cable.

**Dimensions:**

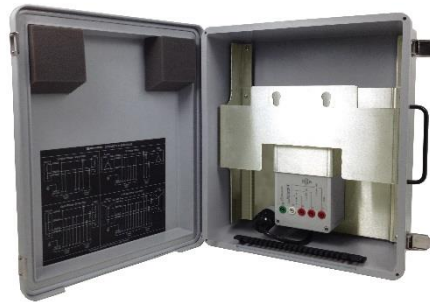
16.75" L x 12" W x 8" D

42.5cm L x 30.5cm W x 20cm D

"Also available with a 230 volt phase power cable:

**ENCL-HDPQ-EU "**

### ENCL-HDPQ-PPA115



HDPQ weather resistant enclosure, includes a 115 Volt output Phase Power Adapter.

**Dimensions:**

16.75" L x 12" W x 8" D

42.5cm L x 30.5cm W x 20cm D

"Also available for 230 Volt output: **ENCL-HDPQ-PPA230 "**

### LPC-HDPQ



Dranetz HDPQ IP65 enclosure. Includes: power cord and (4) 16" current probe adapter cables. **(Does NOT include HDPQ unit).**

Dimensions: 18.5" L x 14.06" W x 7" D, 46.99cm L x 35.71cm W x 17.8cm D

Models:

**LPC-HDPQ-US**

Includes: US power cord

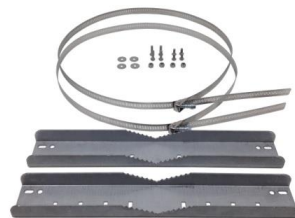
**LPC-HDPQ-EU**

Includes: Euro power cord

**LPC-HDPQ-UK**

Includes: UK power cord

### AMPOLEMNT14



Pole mount kit for ENCL-HDPQ series enclosures, includes mounting hardware.





## Measurement Accessories

### PX5 Cable Pouch (Standard Accessory) 116042-G3



Voltage cable set with 4mm connectors.  
*Compatible with portable and permanent systems with 4mm voltage connectors.*

**Includes:**

- 8 - Six ft. (183cm) measurement cables:
- 1 Red (900366), 1 Yellow (900367), 1 Blue (900368), 1 Gray (900369), 4 White (900370)
- 4 - Red alligator clips (900371)
- 4 - Black alligator clips (900372)
- 4 - Black 25 cm stackable jumpers (114013-G1)

### EP1 Cable Pouch (Standard Accessory) 116042-G6



Voltage cable set with 4mm connectors.  
*Compatible with portable and permanent systems with 4mm voltage connectors.*

**Includes:**

- 6 - Six ft. (183cm) measurement cables:
- 1 Red (900366), 1 Yellow (900367), 1 Blue (900368), 1 Gray (900369), 2 White (900370)
- 4 - Red alligator clips (900371)
- 2 - Black alligator clips (900372)
- 1 - Black 25 cm stackable jumpers (114013-G1)

### VCP-4300



- 1 - US voltage cable with 4mm connectors to measure one single phase circuit
- 4 - Black 25 cm stackable jumpers

### 114013-G1 (Standard Accessory)



- 1 - Black 25 cm stackable jumpers

### FVA-1K1 Single Fuse Voltage Adapter



In-line fuse adapter for one voltage channel, 4mm connector, 1000V MAX.  
*Compatible with portable and permanent systems with 4mm voltage connectors.*



**Red Alligator Clip  
900371**  
(Standard Accessory)



**Black Alligator Clip  
900372**  
(Standard Accessory)

### 114890-G1



Voltage safety clip set

### FVA-1K4



Set of 4 in-line fuse adapters, 4mm connector, 1000V MAX.  
*Compatible with portable and permanent systems with 4mm voltage connectors.*





## Single Phase Measurement Cables

**114015-G1**  
**US**



**114015-G2**  
**EURO**



**114015-G3**  
**UK**



**114015-G4**  
**AUSTRALIA**



Voltage cable with 4mm connectors to measure one single phase circuit.  
*Compatible with portable and permanent systems with 4mm Voltage connectors.*

**83003967**



Phase Power AC cord with 4mm connectors .

## Batteries & Power Adapters

**BP-PX5** (Standard Accessory)



Battery for PowerXplorer PX5, PowerGuide, PowerVisa, and EP1.

**PX5 AC Adapter 117029-G1** (Standard Accessory)



Instrument power supply for PowerXplorer PX5, PowerGuide, PowerVisa, and EP1.

**PPA-PP1R/115 Phase Power Adapter**



Power the instrument from the phase being measured. For circuits from 90V to 530V rms.

*Dimensions:*

4.3"L x 7.1"W x 3.6"D

(10.9cm x 18cm x 9.1cm)

*Compatible with portable and permanent systems.*

**PPA-PP1R/230 Phase Power Adapter**



Power the instrument from the phase being measured. For circuits from 90V to 530V rms.

*Dimensions:*

4.3"L x 7.1"W x 3.6"D

(10.9cm x 18cm x 9.1cm)

*Compatible with portable and permanent systems.*







## Portable PX5 Family Carrying Cases and Enclosures

### SCC-4300 Soft Carry Case



Soft carry case. Storage compartments for the instrument, CT's, voltage cables, and more.

**Dimensions:**

12" L x 18" W x 9" D

30.5cm L x 45.72cm W x 22.86cm D

### RSC-PX5



Rugged shipping container with foam inserts  
**(Does NOT include PX5 and PX5 cable pouch).**

**Dimensions:**

20.62" L x 16.82" W x 8.12" D

52.4 cm L x 42.8 cm W x 20.6 cm D

### LPC-PX5B



Dranetz LPC-PX5B IP65 enclosure. Includes: power cord and (4) 16" current probe adapter cables.

**(Does NOT include PX5 unit or current probes).**

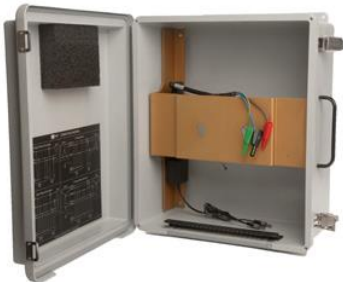
**Dimensions:** 18.5" L x 14.06" W x 7" D, 46.99cm L x 35.71cm W x 17.8cm D

**Models:**

**LPC-PX5B-US**

*Includes: US power cord*

### ENCL-HH



Weather resistant enclosure.

**Dimensions:**

16.75" L x 12" W x 8" D

42.5cm L x 30.5cm W x 20cm D

### AMPOLEMNT14



ENCL-HH Pole mount kit, includes mounting hardware.





## Miscellaneous Accessories

### CFDATA-DB CF Data Card



4 GB CF Data card  
*Compatible with portables only.*

### FlashReader-USB



USB CF card reader.

### 901122



PCMCIA Compact flash adapter.

### 117169-G1



PX5 dust cover door.

### 116037-G1



PX5 battery door.

## Communications

### COMM-RS232



Fiber optic to RS232 adapter  
*(Not for use with the EP1)*

### COMM-OUA

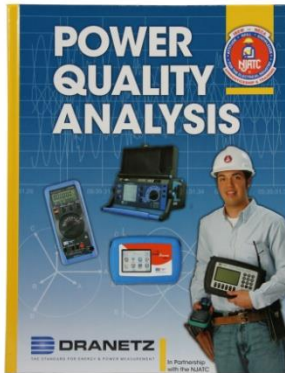


Fiber optic to USB adapter  
*(Not for use with the EP1)*



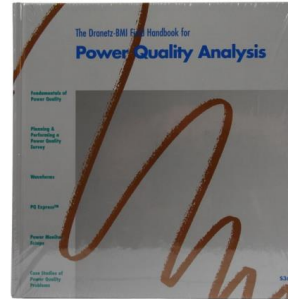
## Dranetz Library

### Power Quality Analysis



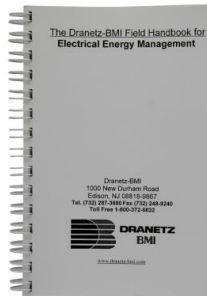
**HB114416** Written in partnership with the NJATC, 228 pages.

### The Dranetz Field Handbook for Power Quality Analysis



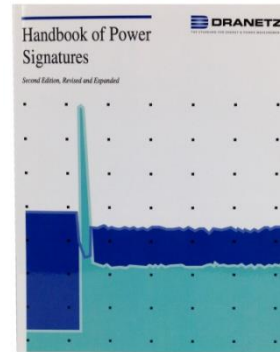
**HB114414-S** Learn the methodology for a successful power monitoring survey, as well as how to establish and maintain a power quality program, 283 pages.

### The Dranetz BMI field handbook for electrical energy management



**HB114415** This handbook explores proven energy management techniques useful in a variety of applications.

### Handbook of Power Signatures



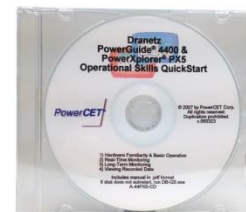
**A-010S** Learn to interpret and solve AC power problems, 290 pages.

### Handbook Set



All 4 of the above handbooks.

### CD-PX5/4400-OP Operational CD



Operational training CD for the Dranetz Power Explorer PX5 and the Dranetz PowerGuide 4400.





## Portable Equipment Software



Dran-View 7 PRO for the following instruments: all Dranetz HDPQ products, PowerVisa, PG4400, PX5, PX5-400, EP1, 4300, PP1, 658, DRANLINK PP1/658, Measuring Pad. Includes DranSet 2.



Dran-View 7 ENTERPRISE for the following instruments: all Dranetz HDPQ Products, PowerVisa, PG4400, PX5, PX5-400, EP1, 4300, PP1 and 658 and DRANLINK PP1/658, PQDIF, COMTRADE, Text Files and includes DRANLINK PP1/658, Measuring Pad. Includes PQDIF Writer. Includes DranSet 2.

### Dran-View® 7

#### Features and comparison of DV7 Professional with DV7 Enterprise

Description	DV7 Professional	DV7 Enterprise
<b>User Interface</b>		
Ribbon bar - Modern appearance	●	●
Scrollable (rubber band) chart axes	●	●
View Trends, Waveforms, Magnitude/Duration and DFT	●	●
Chart area marking tool	●	●
Format templates provides unified layout	●	●
Event filtering/sorting	●	●
Drag and drop charts, axes etc.	●	●
Insert pictures and photos	●	●
Floating notations (baloons) with user defined text or data	●	●
Customizable toolbars, keyboard shortcuts and menus.	●	●
<b>File and System features</b>		
64 bit program (Optimized for 64 or 32 bit systems)	●	●
Support for large data files	●	●
Automatic updates via Internet	●	●
Compatible with most Dranetz legacy products and Dran-View 6	●	●
Reads PQDIF and COMTRADE files	●	●
Reads tabulated text files	●	●
REMOVE partial data from measurement	●	●
<b>Report Writing</b>		
Basic report writer modules	●	●
Monitoring mode specific reports	●	●
Integrated text editor (RTF-editor)	●	●
Snapshots / Bookmarks	●	●
Add selected events and trends to report	●	●
Reports against EN, IEC, G5/4, NVE standards	●	●
Multi-Site Report Writing	●	●
<b>Multi-Site Capabilities</b>		
Presentation of up to 16 simultaneous data sets	●	●
Multi-Site events filter (find events occurred at several locations)	●	●
Multi-Site time synchronization	●	●
Mathematical comparisons between data sets (difference etc.)	●	●
<b>Rescue Kit (Data repair)</b>		
Adjust timestamps	●	●
Flip current probes	●	●
Change scaling factors	●	●
Change connection type	●	●
<b>Mathematical</b>		
Calculate trends and harmonics from waveform data	●	●
Separate harmonic scaling for voltage, current and power	●	●
Enhanced DFT features - Analyze harmonic spectra in the signal	●	●
Mathematical formulas (calculate leakage current etc)	●	●
Mathematical comparisons between multiple sites	●	●





## Dranetz - The Standard for Energy & Power Management

For more than 50 years, Dranetz has been the leading provider of intelligent monitoring solutions for electrical demand, energy and power quality. With over 100,000 clients worldwide, Dranetz's scalable solutions range from portable power quality analysis equipment, to permanent energy management devices with data storage and web-based solutions. Dranetz provides a full suite of services, including personalized pre- and post-sales support, educational power quality seminars, consulting, customization and on-site assistance.

Dranetz corporate headquarters, located in Edison, New Jersey USA, includes sales, product support and manufacturing, with distributors and sales representatives located globally. Dranetz proudly manufactures their products in the USA, and is also a global supplier of [Gossen Metrawatt \(GMC-I\)](#) electrical test and measurement products.

View our power quality analyzers, energy monitoring systems, electrical safety testers, electrical digital multifunction meters and more at [www.Dranetz.com](http://www.Dranetz.com) (categorized by function to easily determine the Dranetz product that is the right tool for your needs).

