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Dranetz HDPQ® SP Family - Features Guide

	Feature	HDPQ® SP Visa	HDPQ® SP Guide	HDPQ® SP Xplorer
Enclosure	IP65	•	•	•
Power	AC/DC Power: 90-600VAC/500VDC, CAT IV, 50/60Hz	•	•	•
Communications	Ethernet	•	•	•
	Wi-Fi	-	•	•
	Bluetooth	Optional	•	•
	USB	•	•	•
	VNC for Full Remote Control of the Instrument	•	•	•
	Apple & Android Apps for Metering & Alarming	•	•	•
	GPS Time Synch (See Note below)	•	•	•
Measurements	(4) Differential, AC/DC Voltage Channels, 0-1000V	•	•	•
	(4) Differential, AC/DC Current Channels, FLEX Power	•	•	•
	1000V Cat III, 600V CAT IV	•	•	•
	IEC 61000-4-30:2008 Class A with Certificate	•	•	•
	512 Samples/Cycle/Channel on V & I	•	•	•
	Sag/Dip, Swell	•	•	•
	Transients to 32us/40us (60Hz/50Hz)	•	•	•
	Transients to 1us			•
	Demand & Energy	•	•	•
	IEEE 1159 Advanced Energy		•	•
	Harmonics V/I	127/63	127/63	127/63
	EN 50160 Edition 3	•	•	•
	400Hz monitoring			HDPQ® SP Xplorer-400
Answer Modules	Motor Health	•	•	•
	Sag Directivity		•	•
	Power Factor Correction Capacitor		•	•
Setups	Automatic Setups for PQ, Demand & Energy	•	•	•
	Manual Setup Wizard	•	•	•
	Monitoring Modes	7	9	9
	Max Pre/Post Trigger Cycles	100	10,000	10,000
	# Transient Triggers	3	3	4
Safety	c UL us	•	•	•

 ${\color{red}\textbf{Note:}} \ \ \textbf{GPS Time Synch requires optional GPS receiver and antenna.}$







HDPQ-SPVA10PKG



HDPQ® Visa SP

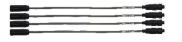
The Best Value in PQ & Energy Monitoring

The **Dranetz HDPQ® Visa SP** is housed in an IP65 enclosure and can be powered from the circuit being measured or another source. No other product at this price point comes close to matching the benefits and features provided by the Dranetz HDPQ® Visa SP family of products.



Phase Power Interconnect Cable 118708-G1

Phase Power Interconnect Cable. (Standard Accessory)



TRTOIP65-EXT1

TR to IP65, 16 inch length, (Qty. 4) Current Probe Adapter Cables (118461-G1).



USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.



Voltage Cable Set 118375-G1

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips; 4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.



4 - TR-2510B 1A to 10Arms CT

1.5V output, Dranetz Hypertronics connector, 3 meter cable, 15mm dia. maximum conductor size.



SCC-HDPQ Soft Carry Case

Individual storage compartments for the instrument, CT's, voltage cables and more. Dimensions: 12" L x 18" W x 9" D (30.5cm L x 45.7cm W x 22.9cm D)



Dran-View® 7 DV7P-PX







HDPQ-SPVA500PKG



HDPQ® Visa SP

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4 - TR-2500B 10A to 500Arms CT

1.5V output, Dranetz Hypertronics connector, 3 meter cable, 50mm dia. maximum conductor size.



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HDPQ-SPVA550PKG



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4 - TR-2550B 1A to 100Arms CT

1.5V output, Dranetz Hypertronics connector, 3 meter cable, 15mm dia. maximum conductor size.



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HDPQ-SPVAFLEX3KPKG



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Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips; 4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.



1- DRANFLEX3003XLB24 Three phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX3000XLB24 Single phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.



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HDPQ-SPVAFLEX6KPKG



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Phase Power Interconnect Cable. (Standard Accessory)



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USB Micro adapter On the Go.



Voltage Cable Set 118375-G1

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6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.



1- DRANFLEX6000XLB24 Single phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.



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HDPQ-SPVAMFLEX3PKG



HDPQ® Visa SP

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Phase Power Interconnect Cable 118708-G1

Phase Power Interconnect Cable. (Standard Accessory)

TRTOIP65-EXT1

TR to IP65, 16 inch length, (Qty. 4) Current Probe Adapter Cables (118461-G1).

USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.



Voltage Cable Set 118375-G1

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips; 4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.



4 – DRANFLEX300MHB6 Single phase flex probe 3/30/300Amp

3A to 300Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 2" dia. maximum conductor size, 1000V Max rated.

SCC-HDPQ Soft Carry Case

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HDPQ-SP-Guide-A



HDPQ® Guide SP

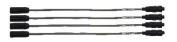
The Best Combination of Value & Technology in a PQ Analyzer

The **Dranetz HDPQ® Guide SP** is housed in an IP65 enclosure and can be powered from the circuit being measured or another source. It includes all of the features of the Dranetz HDPQ® Visa SP instruments, but adds Wi-Fi communications, AnswerModules®, and a 10,000 cycle recording buffer for fault and inrush recording!



Phase Power Interconnect Cable 118708-G1

Phase Power Interconnect Cable. (Standard Accessory)



TRTOIP65-EXT1

TR to IP65, 16 inch length, (Qty. 4) Current Probe Adapter Cables (118461-G1).



USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.



Voltage Cable Set 118375-G1

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips; 4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.







HDPQ-SPGA10PKG



HDPQ® Guide SP

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Phase Power Interconnect Cable. (Standard Accessory)



TRTOIP65-EXT1

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USB Micro adapter On the Go.



Voltage Cable Set 118375-G1

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1.5V output, Dranetz Hypertronics connector, 3 meter cable, 15mm dia. maximum conductor size.



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HDPQ-SPGA500PKG















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Phase Power Interconnect Cable. (Standard Accessory)

TRTOIP65-EXT1

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USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.

Voltage Cable Set 118375-G1

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4 - TR-2500B 10A to 500Arms CT

 $1.5 V\,output,\,Dranetz\,Hypertronics\,connector,\,3\,meter\,cable,\,50mm\,dia.\,maximum\,conductor\,size.$

SCC-HDPQ Soft Carry Case

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HDPQ-SPGA550PKG



HDPQ® Guide SP

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Phase Power Interconnect Cable 118708-G1

Phase Power Interconnect Cable. (Standard Accessory)



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HDPQ-SPGAFLEX3KPKG















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3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX3000XLB24 Single phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

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HDPQ-SPGAFLEX6KPKG



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Phase Power Interconnect Cable 118708-G1

Phase Power Interconnect Cable. (Standard Accessory)



TRTOIP65-EXT1

TR to IP65, 16 inch length, (Qty. 4) Current Probe Adapter Cables (118461-G1).

USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.



Voltage Cable Set 118375-G1

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6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

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6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

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HDPQ-SPGAMFLEX3PKG















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4 - DRANFLEX300MHB6 Single phase flex probe 3/30/300Amp

3A to 300Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 2" dia. maximum conductor size, 1000V Max rated.

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HDPQ-SP-Xplorer-A



HDPQ® Xplorer SP

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Phase Power Interconnect Cable 118708-G1

Phase Power Interconnect Cable. (Standard Accessory)



TRTOIP65-EXT1

TR to IP65, 16 inch length, (Qty. 4) Current Probe Adapter Cables (118461-G1).



USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.



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HDPQ-SPXA10PKG



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Phase Power Interconnect Cable. (Standard Accessory)



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Voltage Cable Set 118375-G1

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1.5V output, Dranetz Hypertronics connector, 3 meter cable, 15mm dia. maximum conductor size.



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Dran-View® 7 DV7E-PX







HDPQ-SPXA500PKG



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4 - TR-2500B 10A to 500Arms CT

1.5V output, Dranetz Hypertronics connector, 3 meter cable, 50mm dia. maximum conductor size.



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HDPQ-SPXA550PKG



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Phase Power Interconnect Cable. (Standard Accessory)



TRTOIP65-EXT1

TR to IP65, 16 inch length, (Qty. 4) Current Probe Adapter Cables (118461-G1).



USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.



Voltage Cable Set 118375-G1

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips; 4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.



4 - TR-2550B 1A to 100Arms CT

1.5V output, Dranetz Hypertronics connector, 3 meter cable, 15mm dia. maximum conductor size.



SCC-HDPQ Soft Carry Case

Individual storage compartments for the instrument, CT's, voltage cables and more. Dimensions: 12" L x 18" W x 9" D (30.5cm L x 45.7cm W x 22.9cm D)



Dran-View® 7 DV7E-PX







HDPQ-SPXAFLEX3KPKG









XPLORER



HDPQ® Xplorer SP

Simply the Best PQ Available - Don't Miss An Event

The Dranetz HDPQ® Xplorer SP is housed in an IP65 enclosure and can be powered from the circuit being measured or another source. The Dranetz HDPQ® Xplorer SP family includes all of the features of the Dranetz HDPQ® Visa SP and HDPQ® Guide SP power quality instruments, but also adds high speed transient capture capabilities, so you'll never miss an event!

Phase Power Interconnect Cable 118708-G1

Phase Power Interconnect Cable. (Standard Accessory)

TRTOIP65-EXT1

TR to IP65, 16 inch length, (Qty. 4) Current Probe Adapter Cables (118461-G1).

USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.

Voltage Cable Set 118375-G1

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips; 4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.

1- DRANFLEX3003XLB24 Three phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX3000XLB24 Single phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

SCC-HDPQ Soft Carry Case

Individual storage compartments for the instrument, CT's, voltage cables and more. Dimensions: 12" L x 18" W x 9" D (30.5cm L x 45.7cm W x 22.9cm D)

Dran-View® 7 DV7E-PX







HDPQ-SPXAFLEX6KPKG



HDPQ® Xplorer SP

Simply the Best PQ Available - Don't Miss An Event

The **Dranetz HDPQ® Xplorer SP** is housed in an IP65 enclosure and can be powered from the circuit being measured or another source. The Dranetz HDPQ® Xplorer SP family includes all of the features of the Dranetz HDPQ® Visa SP and HDPQ® Guide SP power quality instruments, but also adds high speed transient capture capabilities, so you'll never miss an event!



Phase Power Interconnect Cable 118708-G1

Phase Power Interconnect Cable. (Standard Accessory)



TRTOIP65-EXT1

TR to IP65, 16 inch length, (Qty. 4) Current Probe Adapter Cables (118461-G1).



USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.



Voltage Cable Set 118375-G1

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips; 4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.



1- DRANFLEX6003XLB24 Three phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.



6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated



SCC-HDPQ Soft Carry Case

Individual storage compartments for the instrument, CT's, voltage cables and more. Dimensions: 12" L x 18" W x 9" D $(30.5 \text{cm} \, \text{L} \, \text{x} \, 45.7 \text{cm} \, \text{W} \, \text{x} \, 22.9 \text{cm} \, \text{D})$



Dran-View® 7 DV7E-PX







HDPQ-SPXAMFLEX3PKG













XPLORER







HDPQ® Xplorer SP

Simply the Best PQ Available - Don't Miss An Event

The Dranetz HDPQ® Xplorer SP is housed in an IP65 enclosure and can be powered from the circuit being measured or another source. The Dranetz HDPQ® Xplorer SP family includes all of the features of the Dranetz HDPQ® Visa SP and HDPQ® Guide SP power quality instruments, but also adds high speed transient capture capabilities, so you'll never miss an event!

Phase Power Interconnect Cable 118708-G1

Phase Power Interconnect Cable. (Standard Accessory)

TRTOIP65-EXT1

TR to IP65, 16 inch length, (Qty. 4) Current Probe Adapter Cables (118461-G1).

USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.

Voltage Cable Set 118375-G1

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips; 4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.

4 – DRANFLEX300MHB6 Single phase flex probe 3/30/300Amp

3A to 300Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 2" dia. maximum conductor size, 1000V Max rated.

SCC-HDPQ Soft Carry Case

Individual storage compartments for the instrument, CT's, voltage cables and more. Dimensions: 12" L x 18" W x 9" D (30.5cm L x 45.7cm W x 22.9cm D)

Dran-View® 7 DV7E-PX







HDPQ-SP-Xplorer-400-A



HDPQ® Xplorer 400 SP

Designed for Commercial, Military, Aviation, and Naval Industries with 400Hz Monitoring Capability!

The **Dranetz HDPQ® Xplorer 400 SP** is housed in an IP65 enclosure and can be powered from the circuit being measured or another source, it was designed with 400Hz applications in mind, but it is also an all-purpose tool that can be used for any traditional 50/60Hz application. In addition to the 400Hz application, the Dranetz HDPQ® Xplorer 400 SP is perfect for applications such as power quality surveys, voltage and current transient studies, fault recording, inrush, motor testing, harmonic analysis, advanced distortion analysis, demand/energy/load studies, and many more.



Phase Power Interconnect Cable 118708-G1

Phase Power Interconnect Cable. (Standard Accessory)



TRTOIP65-EXT1

TR to IP65, 16 inch length, (Qty. 4) Current Probe Adapter Cables (118461-G1).



USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.



Voltage Cable Set 118375-G1

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips; 4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.







HDPQ-SPX4A10PKG













PLORER 400





HDPQ® Xplorer 400 SP

Designed for Commercial, Military, Aviation, and Naval Industries with 400Hz Monitoring Capability!

The **Dranetz HDPQ® Xplorer 400 SP** is housed in an IP65 enclosure and can be powered from the circuit being measured or another source, it was designed with 400Hz applications in mind, but it is also an all-purpose tool that can be used for any traditional 50/60Hz application. In addition to the 400Hz application, the Dranetz HDPQ® Xplorer 400 SP is perfect for applications such as power quality surveys, voltage and current transient studies, fault recording, inrush, motor testing, harmonic analysis, advanced distortion analysis, demand/energy/load studies, and many more.

Phase Power Interconnect Cable 118708-G1

Phase Power Interconnect Cable. (Standard Accessory)

TRTOIP65-EXT1

TR to IP65, 16 inch length, (Qty. 4) Current Probe Adapter Cables (118461-G1).

USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.

Voltage Cable Set 118375-G1

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips; 4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.

4 - TR-2510B 1A to 10Arms CT

 $1.5 V\,output,\,Dranetz\,\,Hypertronics\,\,connector,\,3\,\,meter\,\,cable,\,15 mm\,\,dia.\,\,maximum\,\,conductor\,\,size.$

SCC-HDPQ Soft Carry Case

Individual storage compartments for the instrument, CT's, voltage cables and more. Dimensions: 12" L x 18" W x 9" D $(30.5 \text{cm} \, \text{L} \, \text{x} \, 45.7 \text{cm} \, \text{W} \, \text{x} \, 22.9 \text{cm} \, \text{D})$

Dran-View® 7 DV7E-PX







HDPQ-SPX4A500PKG

















HDPQ® Xplorer 400 SP

Designed for Commercial, Military, Aviation, and Naval Industries with 400Hz Monitoring Capability!

The **Dranetz HDPQ® Xplorer 400 SP** is housed in an IP65 enclosure and can be powered from the circuit being measured or another source, it was designed with 400Hz applications in mind, but it is also an all-purpose tool that can be used for any traditional 50/60Hz application. In addition to the 400Hz application, the Dranetz HDPQ® Xplorer 400 SP is perfect for applications such as power quality surveys, voltage and current transient studies, fault recording, inrush, motor testing, harmonic analysis, advanced distortion analysis, demand/energy/load studies, and many more.

Phase Power Interconnect Cable 118708-G1

Phase Power Interconnect Cable. (Standard Accessory)

TRTOIP65-EXT1

TR to IP65, 16 inch length, (Qty. 4) Current Probe Adapter Cables (118461-G1).

USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.

Voltage Cable Set 118375-G1

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips; 4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.

4 - TR-2500B 10A to 500Arms CT

1.5V output, Dranetz Hypertronics connector, 3 meter cable, 50mm dia. maximum conductor size.

SCC-HDPQ Soft Carry Case

Individual storage compartments for the instrument, CT's, voltage cables and more. Dimensions: 12" L x 18" W x 9" D $(30.5 \text{cm} \, \text{L} \, \text{x} \, 45.7 \text{cm} \, \text{W} \, \text{x} \, 22.9 \text{cm} \, \text{D})$

Dran-View® 7 DV7E-PX







HDPQ-SPX4A550PKG













PLORER 400



HDPQ® Xplorer 400 SP

Designed for Commercial, Military, Aviation, and Naval Industries with 400Hz Monitoring Capability!

The **Dranetz HDPQ® Xplorer 400 SP** is housed in an IP65 enclosure and can be powered from the circuit being measured or another source, it was designed with 400Hz applications in mind, but it is also an all-purpose tool that can be used for any traditional 50/60Hz application. In addition to the 400Hz application, the Dranetz HDPQ® Xplorer 400 SP is perfect for applications such as power quality surveys, voltage and current transient studies, fault recording, inrush, motor testing, harmonic analysis, advanced distortion analysis, demand/energy/load studies, and many more.

Phase Power Interconnect Cable 118708-G1

Phase Power Interconnect Cable. (Standard Accessory)

TRTOIP65-EXT1

TR to IP65, 16 inch length, (Qty. 4) Current Probe Adapter Cables (118461-G1).

USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.

Voltage Cable Set 118375-G1

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips; 4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.

4 - TR-2550B 1A to 100Arms CT

1.5V output, Dranetz Hypertronics connector, 3 meter cable, 15mm dia. maximum conductor size.

SCC-HDPQ Soft Carry Case

Individual storage compartments for the instrument, CT's, voltage cables and more. Dimensions: $12'' L \times 18'' W \times 9'' D (30.5 cm L \times 45.7 cm W \times 22.9 cm D)$

Dran-View® 7 DV7E-PX







HDPQ-SPX4AFLEX3KPKG















HDPQ® Xplorer 400 SP

Designed for Commercial, Military, Aviation, and Naval Industries with 400Hz Monitoring Capability!

The **Dranetz HDPQ® Xplorer 400 SP** is housed in an IP65 enclosure and can be powered from the circuit being measured or another source, it was designed with 400Hz applications in mind, but it is also an all-purpose tool that can be used for any traditional 50/60Hz application. In addition to the 400Hz application, the Dranetz HDPQ® Xplorer 400 SP is perfect for applications such as power quality surveys, voltage and current transient studies, fault recording, inrush, motor testing, harmonic analysis, advanced distortion analysis, demand/energy/load studies, and many more.

Phase Power Interconnect Cable 118708-G1

Phase Power Interconnect Cable. (Standard Accessory)

TRTOIP65-EXT1

TR to IP65, 16 inch length, (Qty. 4) Current Probe Adapter Cables (118461-G1).

USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.

Voltage Cable Set 118375-G1

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips; 4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.

1- DRANFLEX3003XLB24 Three phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX3000XLB24 Single phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

SCC-HDPQ Soft Carry Case

Individual storage compartments for the instrument, CT's, voltage cables and more. Dimensions: 12" L x 18" W x 9" D (30.5cm L x 45.7cm W x 22.9cm D)

Dran-View® 7 DV7E-PX





HDPQ-SPX4AFLEX6KPKG















HDPQ® Xplorer 400 SP

Designed for Commercial, Military, Aviation, and Naval Industries with 400Hz Monitoring Capability!

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Phase Power Interconnect Cable 118708-G1

Phase Power Interconnect Cable. (Standard Accessory)

TRTOIP65-EXT1

TR to IP65, 16 inch length, (Qty. 4) Current Probe Adapter Cables (118461-G1).

USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.

Voltage Cable Set 118375-G1

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips; 4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.

1- DRANFLEX6003XLB24 Three phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX6000XLB24 Single phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

SCC-HDPQ Soft Carry Case

Individual storage compartments for the instrument, CT's, voltage cables and more. Dimensions: 12" L x 18" W x 9" D (30.5cm L x 45.7cm W x 22.9cm D)

Dran-View® 7 DV7E-PX







HDPQ-SPX4AMFLEX3PKG













= DRANETZ



HDPQ® Xplorer 400 SP

Designed for Commercial, Military, Aviation, and Naval Industries with 400Hz Monitoring Capability!

The **Dranetz HDPQ® Xplorer 400 SP** is housed in an IP65 enclosure and can be powered from the circuit being measured or another source, it was designed with 400Hz applications in mind, but it is also an all-purpose tool that can be used for any traditional 50/60Hz application. In addition to the 400Hz application, the Dranetz HDPQ® Xplorer 400 SP is perfect for applications such as power quality surveys, voltage and current transient studies, fault recording, inrush, motor testing, harmonic analysis, advanced distortion analysis, demand/energy/load studies, and many more.

Phase Power Interconnect Cable 118708-G1

Phase Power Interconnect Cable. (Standard Accessory)

TRTOIP65-EXT1

TR to IP65, 16 inch length, (Qty. 4) Current Probe Adapter Cables (118461-G1).

USB Micro Adapter USBMA-OTG

USB Micro adapter On the Go.

Voltage Cable Set 118375-G1

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips; 4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.

4 - DRANFLEX300MHB6 Single phase flex probe 3/30/300Amp

3A to 300Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 2" dia. maximum conductor size, 1000V Max rated.

SCC-HDPQ Soft Carry Case

Individual storage compartments for the instrument, CT's, voltage cables and more. Dimensions: $12^{\prime\prime}$ L x $18^{\prime\prime}$ W x $9^{\prime\prime}$ D (30.5cm L x 45.7cm W x 22.9cm D)

Dran-View® 7 DV7E-PX







IP65 Flexible Probes

AC only, for use with LPC-HDPQ or HPPQ-SP.

Single Phase



DRANFLEX3000XLB-IP 30A/300A/3000A Probe DRANFLEX6000XLB-IP 60A/600A/6000A Probe

Available in 24", 36" and 48"

Three Phase



DRANFLEX3003XLB-IP 30A/300A/3000A Probe DRANFLEX6003XLB-IP 60A/600A/6000A Probe

Available in 24", 36" and 48"

		able III 24 , 30 and 40						
Model	Range		Amplitude Accuracy ±	Phase Accuracy +/-	Frequen- cy Range	Maximum Conductor Size	Rated Voltage	Connector/ Output
DRANFLEX3000XLB-IP DRANFLEX3003XLB-IP 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°	TOTALLE			
DRANFLEX6000XLB-IP	6A to 6000A 3 ranges	6A to 60 A	1%rdg, ±0.1A	1°		8/11/17in dia.	1000V Max	2000
DRANFLEX6006XLB-IP 24/36/48		60A to 600A	1%rdg, ±0.1A	1°	10Hz to 10KHz			Dranetz 1.5V
		600A to 6000A	1%rdg, ±1A	1°	TOTALL			1.0 \$

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.

Note: Custom ordered parts – Please contact the Factory for delivery information.

IP65 MicroFlex Probes

AC only-Single phase, for use with LPC-HDPQ or HDPQ-SP.



DRANFLEX300MHB-IP 3A/30A/300A Probe

Available in 6", 8" and 12"

Model		Range		Amplitude Accuracy ±			Maximum Conductor Size	Rated Voltage	Connector/ Output	
DRANFLEX300MHB6-IP DRANFLEX300MHB8-IP DRANFLEX300MHB12-IP 6/8/12	0.3A to 300A	0.3A to 3A 3A to 30A	1%rdg, ± 0.1A 1%rdg, ± 0.1A	1º	25Hz to	2/2.75/4in dia.	1000V MAX	Dranetz 1.5V		
	3 ranges	30A to 300A	1%rdg, ± 0.1A	10	70kHz					

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, IP65 connector, 3 meter cable (2 meters from probe head to IP65 Integrator box, 1 meter to instrument) and are directly compatible with the following Dranetz products:

Portable instruments

Dranetz HDPQ-XPLORER400-A-SP, HDPQ-XPLORER-A-SP, HDPQ-GUIDE-A-SP and HDPQ-VISA-A-SP.

IP65 Lockable Portable Cases

LPC-HDPQ only.

Note: Custom ordered parts – Please contact the Factory for delivery information.





















HDPQ® SP Probe Packages

AC Current 4 Phase Flex Probe Packages, Without Power Supply (For use with Dranetz HDPQ only).

MFLEX6PKG-HD

4 – DRANFLEX300MHB6 Single phase flex probe 3/30/300Amp

3A to 300Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 2" dia. maximum conductor size, 1000V Max

FLEX3K24PKG-HD

1- DRANFLEX3003XLB24 Three phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V

1- DRANFLEX3000XLB24 Single phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

FLEX3K36PKG-HD

1- DRANFLEX3003XLB36 Three phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 11" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX3000XLB36 Single phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 11" dia. maximum conductor size, 1000V Max rated.

FLEX3K48PKG-HD

1- DRANFLEX3003XLB48 Three phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 17" dia. maximum conductor size, 1000V

1- DRANFLEX3000XLB48 Single phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 17" dia. maximum conductor size, 1000V

FLEX6K24PKG-HD

1- DRANFLEX6003XLB24 Three phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia, maximum conductor size, 1000V

1- DRANFLEX6000XLB24 Single phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

FLEX6K36PKG-HD

1- DRANFLEX6003XLB36 Three phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 11" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX6000XLB36 Single phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 11" dia. maximum conductor size, 1000V Max rated.

FLEX6K48PKG-HD

1- DRANFLEX6003XLB48 Three phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 17" dia. maximum conductor size, 1000V

1- DRANFLEX6000XLB48 Single phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 17" dia. maximum conductor size, 1000V Max rated.





HDPQ® SP Miscellaneous Accessories

USB-FLASH



USB flash drive (Micro)-8GB.

USBMA-OTG USB Micro Adapter



USB Micro Adapter On the Go. (Standard Accessory)

TRTOIP65-EXT1



TR to IP65, 16 inch length, (Qty. 1) Current Probe Adapter Cables. (Standard Accessory)

TRTOIP65-EXT6



TR to IP65, 6 FT length, (Qty. 1) Current Probe Adapter Cables.

ETH-HDPQ-SP



IP65 rated Ethernet cable to be used with HDPQ-SP-Xplorer400, HDPQ-SP-Xplorer, HDPQ-SP-Guide, and HDPQ-SP-Visa.

HDPQ® SP Battery

BP-HDPQ-SP (Standard Accessory)



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







HDPQ® SP Measurement Accessories

118707-G1



HDPQ-SP CAT IV Phase Power Cables/Clip- Use when powering from a CAT IV source. (Optional Accessory)

118708-G1



Phase Power Interconnect Cable. (Standard Accessory)

HDPQ-SPPWR-US



HDPQ-SP US Power Cord, for use when not powering from the phase. (Optional Accessory)

HDPQ-SPPWR-EU



HDPQ-SP Euro Power Cord, for use when not powering from the phase. (Optional Accessory)

HDPQ-SPPWR-UK



HDPQ-SP UK Power Cord, for use when not powering from the phase. (Optional Accessory)

HDPQ-SPPWR-AU



HDPQ-SP AU Power Cord, for use when not powering from the phase. (Optional Accessory)







HDPQ® SP 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 (wмi-кiт, wмv-кiт)

WMFV-KIT



Wire Marker kit for Current Probes, Snap-on, .218 DIA.



Wire Marker kit for Voltage Cables, Snap-on, .138 DIA.



Wire Marker kit for Fuse Voltage Kit, Snap-on, .138 DIA.

CVCS-HDPQ Color Voltage Cable Set



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

Includes:

- 11 Six ft. (183cm) measurement cables: 4 White (900370), 1 RED (902159-LF), 1 YELLOW (902160-LF), 1 GRAY (902161-LF), 1 BROWN (902162-LF), 1 BLUE (902163-LF), 1 ORANGE (902244-LF) and 1 GREEN (902245-LF).
- 4 White alligator clips (901962)
- 4 Black alligator clips (901794)
- 1 Green alligator clip (902246-LF)
- 4 Black 25 cm stackable jumpers (114013-G1)
- 1 Color Ring Label Set (4 white, 4 red, 4 yellow, 4 gray, 4 brown, 4 blue, 4 orange and 4 green)

CL-KIT-HDPQ



HDPQ colored V/I channel label Kit.

White Alligator Clip 901962

(Standard Accessory)



Black Alligator Clip 901794

(Standard Accessory)



Green Alligator Clip 902246-LF

(Supplied with CVCS-HDPQ)





• 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.

FVA-1K4



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







HDPQ® SP 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-SP





Rugged shipping container with foam inserts (Does NOT include HDPQ SP UNIT and HDPQ SP 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

HDPQ® SP Communications

GPSMA-HDPQ



 ${\tt HDPQ\text{-}SP\,GPS}\,\,\textit{Magnetic\,Mount\,GPS\,Antenna}.$

USB-BLUETOOTH-SP

(Standard Accessory on HDPQ Guide SP, HDPQ Xplorer SP and HDPQ Xplorer 400 SP)



USB Bluetooth 2.1 adapter, Class I

GPS-HDPQ-SP



HDPQ-SP GPS Receiver. Must be specified at time of order. (Factory Installed Option)

GPSMAKIT-HDPQ-SP



HDPQ-SP GPS Receiver plus a Magnetic Mount GPS Antenna. Must be specified at time of order. (Factory Installed Option)



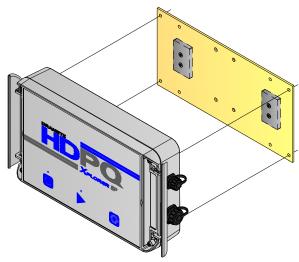




HDPQ® SP Mounting Options

HDPQ SP Magnetic Mount MM-HDPQ-SP

The Magnetic Mounting optional accessory MM-HDPQ-SP allows the Dranetz HDPQ-SP Instrument to be attached to ferromagnetic Metallic surfaces.

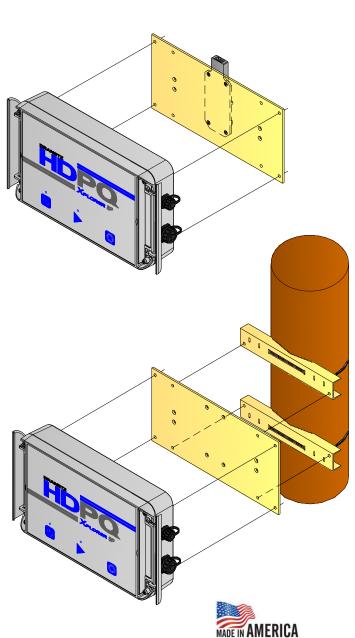


HDPQ SP Din-Rail Mount DIN-HDPQ-SP

The DIN Rail Mounting optional accessory **DIN-HDPQ-SP** allows the Dranetz HDPQ-SP Instruments to be attached to a 35mm wide Standard DIN rail mount.



The Pole Mounting optional accessory **PM-HDPQ-SP** allows the Dranetz HDPQ-SP Instruments to be attached to many pole shapes and sizes up through 15" diameter.







Notes								





The Standard for Energy & Power Management



Dranetz Measurement Accessories





