

REVERSIBLE OUTPUT CHANNELS

	PTE-50-CET	PTE-50-CE	PTE-300-V	PTE-100-V
Number of channels	3	1	3	1
Interconnections	Serial or parallel		Serial or parallel	
Current ranges	0-0.330 A / 0-8.000A / 0-25.00A / 0-50.00A		0-0.330A / 0-8.000A	
Voltage ranges	0-6.25V / 0-150.0V		0-6.25V / 0-150 V / 0-300V	
Harmonics generated	1st – 7th automatic in each channel		Manual, up to 420 Hz	
Phase angle	0-359.9º			
Frequency range	Parametric: 40.00-420.0 Hz Transient: 0.5-5000 Hz			
Power per channel	100 VA			
Accuracy	±0.5%			
Distortion	1% máx.			

DIGITAL CHRONOMETER (PTE-50-CET, PTE-50-CE)

Range	0.001 - 99999 s. o 0.1 - 9999.9 cycles
Accuracy	±0.01% of reading ±1 digit
Start modes	Output ON or OFF Pre-fault / fault state switching PTE BUS event External START signal
Stop modes	NO or NC contact Voltage ON / OFF PTE BUS event

FREQUENCY GENERATOR (PTE-300-V, PTE-100-V)

	Modo normal	Modo diferencial
Range	40-420 Hz	0.001-10 Hz
Resolution	0.01 / 0.1 / 1 Hz	0.001 / 0.01 / 0.1 Hz
Accuracy	1 digit ±0.003 Hz	1 digit ±0.001 Hz
Ramp limits	0.1 - 10.0 Hz/s.	—
Ramp lapses	0.1 - 10.0 s.	—

TRIP MONITOR

Dry contact input	Open circuit voltage: 10.2 Vdc
	Short circuit current: 25 mA
	Fuse protected
Voltage input	5 - 250 Vac/dc
	Impedance: 19 kΩ
	Fuse protected

PTE-FCN OPTION

Output power	30 VA (70 - 140 Vac)
Voltage output	0 - 140 Vac (res.: 0.1V)
Max. current	0.45 A (0 - 70 Vac)
Phase angle	0 - 359.9° (res.: 0.1°, Vout> 5V)
Frequency	40 - 70 Hz (res.: 0.1 Hz)
Phase reference	AC supply or internal generator

EXTERNAL REFERENCE INPUT

	Voltage input	Current input
Input impedance	47 kΩ	25 mΩ
Signal range	5 - 300 Vac	0.1 - 25 Aac
Frequency range	40 - 70 Hz	

GENERAL

	PTE-50-CET	PTE-300-V	PTE-50-CE	PTE-100-V
Weight	25 Kg / 55.1 lb.	22 Kg. / 48.5 lb.	13.5 Kg. / 29.7 lb.	13.5 Kg. / 29.7 lb.
Dimensions (mm) inches	442 x 327 x 200 17.4 x 12.8 x 7.8 in		300 x 200 x 200 11.8 x 7.8 x 7.8	
Auxiliary voltage output	110 Vca / 0.3 A máx.			
Supply power	230 / 110 Vca ±10%			
Temperature range	Storage : -20 to 70°C / -4º F - 158º F / Operation: 0 to 50°C / 32º F - 122º F			

STANDARD ACCESSORIES

Complete 2-m / 6,5 ft. test lead set
1.5-m / 4,9 ft. power cord
4-mm terminal adapters
4-mm crocodile clip set
RS-232 communications cable
PTE BUS interconnection cable
Set of replacement fuses
Coaxial BNC to 4-mm connection cable
Nylon bag for test set and accessories
Calibration software
User manual in English
Certificate of calibration