

# PULSE GENERATOR

POWER SUPPLY

TEST INSTRUMENT

EDU. INSTRUMENT

METER

MACHINE

ACCESSORY

PG1005

**CE** NEW

## Features

- .Separate TTL/CMOS output
- .Complement and one shot function
- .Output amplitude from 0.5V to 10V
- .Pulse width range from 100ns to 10s
- . $50\Omega$  output impedance
- . $400\Omega$  input impedance for TRIG/GATE



**PG1005**

## Technical Data

### PG1005

Technical Data	
	Output frequency
	0.5Hz ~ 5MHz
	Period
	100ns~10s
	Pulse width and spacing control
	100ns~10s in eight ranges
	Accuracy
	$\pm 5\%$
Main output	$\pm 15\%$ at Max. range
	Output amplitude
	0.5V~10V
	Amplitude accuracy
	$\pm 5\%$
	Duty cycle
	1~ $10^8$ continuously adjustable
	Rise/fall
	30ns
	Impedance
	$50\Omega$
	Jitter
	$0.1\%+50\text{ps}$
Operating mode	Normal, trig., gate, one shot
Trig./gate input	TTL & DC input Sine wave input Input impedance Input amplitude
	>2.4Vp-p, >40ns >1.7Vrms, <10MHz $400\Omega$ $\pm 10V$
TTL/CMOS output	Fan out Sink Rise/fall
	40 TTL loads 60mA at 0.8V 20ns
Sync. output	Amplitude Fan out Sink Rise/fall
	>2.4V 10 TTL loads 16mA at 0.8V 20ns
Power supply	110~127 VAC $\pm 10\%$ , 60Hz $\pm 2\text{Hz}$ 220~240VAC $\pm 10\%$ , 50Hz $\pm 2\text{Hz}$
Dimensions	265(W) $\times$ 110(H) $\times$ 300(D)mm
Weight	1.5 kg