



Digital Multimeter

Protek 4000



Features

- Display : 4 3/4 Digits, Dual Display, 50,000Counts
- Resolution : 0.01mV, 0.01Ω
- Accuracy : 0.05% (DC Volt)
- Measurement Function of True RMS (AC+DC)
- Measurement Function of Frequency, Capacitance
- Pulse Width, Duty, Temperature
- Measurement Function of Peak to Peak
- Measurement Function of Wide-Band : 5000μA to 10A
- Measurement Function of Low Voltage : Min. 2500mV
- Measurement Function of Zener-Diode : 20V
- Memory Location Function
- Go-NoGo Function
- Auto Back Light
- Interface : RS-232C

Accessories

- Test Leads 1EA
- User Manual 1EA
- RS-232C Cable 1EA
- GUI Software 1EA
- Power Cable 1EA
- Temperature Adapter 1EA

Digital
Multimeter



Specifications

DC/V	Range	500,00mV, 2500,0mV		5,0000V, 50,000V, 500,00V, 1000,0V					
	Accuracy			±0,05%+5d					
AC/V	Range	500,00mV		5,0000V, 50,000V, 500,00V, 750,0V					
	Accuracy			±0,75%+20d					
AC+DC /V	Range	500,00mV		5,0000V, 50,000V, 500,00V, 750,0V					
	Accuracy	1,5%+50d		2,0%±50d					
DC/A	Range	5000,0µA		500,00mA		10,000A			
	Accuracy	0,2%+5d				0,5%+5d			
	SHUNT	100ohm		1ohm		10Mohm			
AC/A	Range	5000,0µA		500,00mA		10,000A			
	Frequency			50Hz to 1kHz					
	Accuracy			0,75%±20d for (40000count 1% for) 40000count					
AC+DC /A	Range	5000,0µA		500,00mA		10,000A			
	Frequency			DC to 1kHz					
	Accuracy			1,5%+50d for (30000count 2% for) 30000count					
Ohm	Range	50,00ohm		5,0000k, 50,000k, 500,00k, 5,0000M		50,000M			
	Resolution	0,01ohm		0,1ohm, 1ohm, 10ohm, 100ohm		1k			
	Accuracy	1,0%+20d		0,2%+5d		1,0%+10d			
LV Ohm	Range	5,0000k, 50,000k, 500,00k, 5,0000M				50,000M			
	Resolution	1ohm, 10ohm, 100ohm, 1kohm				10k			
	Accuracy	0,5%+5d				2,5%+10d			
nS	Range			500,0nS					
	Resolution			0,1nS					
	Accuracy			3,0%+5d					
Continuity	Range	5kohm		50kohm		500kohm		5Mohm	
	Input	SHORT	OPEN	SHORT	OPEN	SHORT	OPEN	SHORT	OPEN
	Resolution	BUZZ	BUZZ	BUZZ	BUZZ	BUZZ	BUZZ	BUZZ	BUZZ
	Accuracy	<5ohm	>15ohm	<5ohm	>100ohm	<500ohm	>1kohm	<5kohm	>10kohm
	Current			1mA					
Zener Diode	Open Volt			15 to 22V					
	Range	5,000nF	50,00nF	500,0nF	5,000µF	50,00µF	500,0µF	5,000mF	-
	Resolution	1pF	10pF	100pF	1nF	10nF	100nF	1µF	-
Capacitance	Accuracy	5%+10d	2%+10d	2%+5d	3%+10d				
	Range	50,00Hz	500,0Hz	50,00kHz	500,00kHz	5,000kHz			
	Resolution	0,01Hz	0,1Hz	1Hz	10Hz	100Hz			
Frequency	Accuracy			0,01%+5d					
	Range			200,00ms					
	Resolution			10 #Se c.					
Pulse Width	Accuracy			0,1%+5d					
	Range			100,00%					
	Resolution			0,01%					
Duty Cycle	Accuracy			0,1%+5d					
	Range	-20~0°C		0~150°C		150~1200°C		°F	
	Resolution			0,1°C				K	
Temperature	Accuracy	±3°C		±2°C		±2°C		°F = °C×9/5+32	
	Range			DCmV, DCV, DCµA, DCmA, DCA				K = °C+273,1	
	Peak ±Detection			Less than 10% for peak with >5ms of duration and with <10% of full scale of each range					

Digital
Multimeter

TEL:+82-32-870-5600 FAX:+82-32-870-5640 E-mail:sale@gsinstrument.com http://www.gsinstrument.com GSI

Messtechnik & **mem**
Elektronik GmbH

Beratung und Verkauf
elektronischer Messgeräte
Pilartzstraße 9

Tel: 08071 / 92306-0
www.mem-gmbh.de

FAX: 08071 / 92306-19
mail@mem-gmbh.de