

*Pen type*

# DC/AC MAGNETIC METER

Model : PMG-302

*ISO-9001, CE, IEC1010*



**Lutron**

**LUTRON ELECTRONIC**

*The Art of Measurement*

**Pen type**  
**AC/DC MAGNETIC METER**  
**Model : PMG-302**

**FEATURES**

* Wide range, general purpose magnetic measurement. for industrial, mechanical, material, electrical, laboratory field usage.
* Unit : G ( Gauss ), mT ( milli Tesla ).
* DC and AC magnetic field measurement
* DC Range : 300.00 mT/3000.0 mT. AC Range : 150.00 mT/1500.0 mT.
* DC Range : 3000.0 G/30000 G. AC Range : 1500.0 G/15000 G.
* Resolution : 0.01/0.1 mT, 0.1/1 G.
* N pole/S pole indicator.
* Zero button for DC magnetic function.
* Microprocessor circuit assures maximum possible accuracy, provides special functions and features.
* Heavy duty & compact housing with hard carrying case, designed for easy carry out & operation.
* Auto shut off is available to save battery life.
* Data hold reading.
* Microcomputer circuit, high accuracy.
* Power by UM4/AAA ( 1.5 V ) x 4 batteries .

**SPECIFICATIONS**

Circuit	Custom one-chip of microprocessor LSI circuit.		
Display	LCD size : 52 mm x 38 mm.		
Measurement Unit	mT	milli Tesla	
	G	Gauss	
DC Measurement Range, ( Auto range )	mT	Range 1	300.00 mT x 0.01 mT
		Range 2	3,000.0 mT x 0.1 mT
	G	Range 1	3,000.0 G x 0.1 G
		Range 2	30,000 G x 1 G
AC Measurement Range, ( Auto range )	mT	Range 1	150.00 mT x 0.01 mT
		Range 2	1,500.0 mT x 0.1 mT
	G	Range 1	1,500.0 G x 0.1 G
		Range 2	15,000 G x 1 G
Accuracy	DC	± ( 5 % rdg. + 10 digit ) at 23 ± 5 °C	
	AC	± ( 5 % rdg. + 20 digit ) at 23 ± 5 °C	
Frequency Response	AC measurement : 50 Hz / 60 Hz		
Sensor	Hall sensor.		
Field Direction	Uniaxial.		
Data Hold	Freeze the display reading.		
Display Sampling Time	Approx. 1 second.		
Power off	Manual off by push button or Auto shut off to save battery life.		
Operating Temperature	0 to 50 °C.		
Operating Humidity	Less than 85% R.H.		
Power Supply	1.5 V battery ( UM4, AAA ) x 4 PCs. ( Alkaline or Heavy duty type ).		
Power Current	Approx. DC 10 mA .		
Weight	Approx. 147 g/0.32 LB.		
Dimension	Main instrument :		all in one Probe :
	170 x 40 mm ( 6.8 x 1.6 inch )		62 x 4.5 mm ( 2.48 x 0.18 inch ).
Accessories Included	Instruction manual..... 1 PC		

\* Appearance and specifications listed in this brochure are subject to change without notice.

1512-PMG302