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MODEL D20 AC



MODEL D20 B



MODEL D20

LM Model D-20 is a low cost digital instrument for measurement of d.c. magnetic fields using Hall probes. It has ranges, 2K and 20 K Gauss. A built in calibration facility ensures quick check of calibration. All the controls are mounted on the front panel and are clearly designated. An attractive plastic cabinet with carrying handle cum tilt bracket makes the instrument light in weight and portable LED display gives direct reading with 1 gauss resolution on the 2k range and 10 gauss resolution on the 20k range. The unit is supplied with a calibrate transverse hall probe of 50mmx 1.5mm with the actual sensing area of 1sq.mm from the tip.

SPECIFICATIONS :

Ranges Full-scale	:	0 to 2 and 0 to 20 Kilo Gauss
Accuracy	:	± 1% full scale + one digit on the 2 K.
Gauss range.	:	± 2% full scale + one digit on the 20 K.
Gauss range.	:	
Resolution	:	0.1% of full scale.
Visual Display	:	3½ Digit panel meter.
Power	:	240 V a.c. 50 Hz., 10 Watts.
Size & Weight	:	210 mm x 95 mm x 225 mm and 1 Kg
approx.	:	

OPTIONAL ACCESSORIES :

- 1 Volt output across 1K Ohms for X-Y recorder, oscilloscope and control.
- Axial Hall probe for axial field measurements.

APPLICATIONS :

General purpose instrument for accurate flux density measurement on magnetic and electromagnetic components such as relays, dc. motors, magnets, loud-speakers etc. Very useful for on line production.

OTHER MODELS :

- A.C. Field gaussmeter (Model – D20AC)**

Model D20AC digital gaussmeter measures AC (RMS) /DC magnetic fields. It measures fields from 1 gauss to 19.99 k gauss in two ranges, of 2 k gauss and 20 k gauss full scale. The ranges are selected by toggle switch on the front panel. It has a built in facility to check calibration to ensure that the instrument is pre-calibrated. Also mode switch is provided to measure AC (RMS) or DC magnetic field. All mounted on the front panel and clearly designated. (Other specification as per D20)

Battery operated Gaussmeter (Model - D20B)

Model D20-B digital gaussmeter is useful to measure DC magnetic field and it measures fields and operates on 9V battery. (Other specification as per D20)