

## SDL900 AC/DC Magnetic Field Meter/Datalogger



Extech's SDL900 measures and datalogs both AC and DC Magnetic Field in Gauss and mT (milli Tesla) with a uniaxial Hall effect sensor and built-in ATC. Internal memory stores up to 99 readings, while SD memory card (included) allows continuous datalogging and readings can easily be exported to an Excel<sup>®</sup> format for further analysis.

**Applications:**

- Electric transmission equipment
- Power line
- Microwave oven
- Air conditioner
- Refrigerator
- Computer monitor
- Video/audio device
- Particle accelerators
- MRI
- Industrial & research labs
- Transportation Systems
- Elevators
- Battery Power
- Wind Power



### Features

- Utilizes Hall effect sensor with ATC (Automatic Temperature Compensation)
- Adjustable data sampling rate: 1 to 3600 seconds
- Memory stores 99 readings manually
- Datalogging feature records readings with date and time stamp on an SD card (included) in Excel<sup>®</sup> format
- N pole/S pole indicator
- Zero button for DC measurement
- Data Hold and Min/Max
- Auto power off with disable
- Complete with uniaxial magnetic probe sensor with protective cover, SD memory card, Universal AC Adaptor with multi-plugs (US, EU, UK, AUS), 6 AA batteries, and hard carrying case

| Specifications     | Range                                     | Max Resolution | Basic Accuracy |
|--------------------|---|----------------|----------------|
| DC milli Tesla     | 300.00mT                                  | 0.01mT         | ±(5% + 10d)    |
|                    | 3000.0mT                                  | 0.1mT          | ±(5% + 10d)    |
| DC Gauss           | 3000.0G                                   | 0.1G           | ±(5% + 10d)    |
|                    | 30,000G                                   | 1G             | ±(5% + 10d)    |
| AC milli Tesla     | 150.00mT                                  | 0.01mT         | ±(5% + 20d)    |
|                    | 1500.0mT                                  | 0.1mT          | ±(5% + 20d)    |
| AC Gauss           | 1500.0G                                   | 0.1G           | ±(5% + 20d)    |
|                    | 15,000G                                   | 1G             | ±(5% + 20d)    |
| Number of Axis     | Uniaxial                                  |                |                |
| AC Bandwidth       | 50Hz/60Hz                                 |                |                |
| Sampling Rate      | 1 to 3600 seconds                         |                |                |
| Datalogging        | Datalog readings on SD card (included)    |                |                |
| Dimensions/ Weight | 7.1x2.9x1.9" (182x73x48mm)/ 10.7oz (303g) |                |                |

### Ordering

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