

# RD316 Magnetic Locator

The RD316 is a versatile, easy to use yet cost effective instrument for locating buried ferrous metal objects.

Utilizing the latest advancements in electronic balancing for greater accuracy, the RD316 can detect objects such as surveyor's markers, valve boxes and manhole covers down to 2.5m (8 ft).

For locating larger objects including storage tanks, drums and cast iron pipes, depths of 4.5m (15 ft) can be achieved.



The RD316 is simple to operate and designed with many features that enhance its versatility:

- an audio tone that sounds on location of a buried object
- an LCD visual indicator displays signal strength and bar graph to further improve accuracy, especially in congested areas
- an erase function that allows you to block out magnetic interference
- a low battery level indicator alerts the user when new batteries are needed and the instrument's innovative design also provides easy battery access

The RD316 is lightweight, waterproof and the easy grip design allows it to be comfortably used for long periods.

The RD316 is a flux gate magnetometer that incorporates a proprietary technology, allowing the magnetic sensing coils to be electronically balanced to a finite condition. The RD316 can then implement "peak response" over ferromagnetic objects by yielding an increasing audio signal as the object is approached and passed over.



## PRODUCT SPECIFICATIONS

Display:	LCD with analogue bar graph, numerical digits, low battery indicator and an erase function
Audio Output:	Magnetic speaker with waterproof Mylar cone
Power:	Six (6) AA 1.5 volt batteries
Battery Life:	100 hours of intermittent operation (alkaline batteries)
Weight:	1.3kg (3 lbs) approximately
Operating Temp:	-18°C to 49°C / 0°F to 120°F
Length:	101cm (40 inches)
Construction:	High impact plastic, waterproof aluminum sensor tube, epoxy painted



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