



AGM Sentinel

SPECIFICATION SHEET

Sensitivity:

- **22 Hz ELF:**
 - ◇ Min. Open Air Detect \approx 30 ft (9m) using Comtel 4C Transmitter
 - ◇ 22 Hz Depth of Cover $>$ 15 ft (5m) dependant on conditions
- **Magnetic:**
 - ◇ Detects MFL tools as well as cleaning magnets
 - ◇ Sensitivity / range varies with magnet size and orientation
 - ◇ MFL Depth of Cover $>$ 15 ft (5m) dependant on conditions

Accuracy:

- **Time:** GPS synced, \pm 0.43 s/day drift
- **Position:** $<$ \pm 13 ft (4 m) typical (standard GPS accuracy)
- **Sample Rate:**
 - ◇ AGM Download – 25 samples/s
 - ◇ Sentinel Website – Down-sampled to 5 samples/s

Environment:

- **Temperature:**
 - ◇ Varies with Batteries (check also with battery manufacturer):
 - ◇ Alkaline \approx -4°F to $+130^{\circ}\text{F}$ (-20°C to $+54^{\circ}\text{C}$)
 - ◇ Lithium \approx -40°F to $+185^{\circ}\text{F}$ (-40°C to $+85^{\circ}\text{C}$)
- **Weatherproof:**
 - ◇ Water tight enclosure (protected from brief immersion)

Storage:

- **Capacity:** 8GB (or 500,000+ passages of 1 minute length)

Batteries:

- **Type:** 4x C Cell Alkaline or Lithium
- **Battery Life:**
 - ◇ 14+ days (Alkaline)
 - ◇ 40+ days (Lithium 3.6V)

Physical:

- **Weight:**
 - ◇ 2.7 lbs (1200g) w/ batteries
 - ◇ 2.1 lbs (940g) w/o batteries
- **Size:** 9 x 6 x 3" (23 x 15 x 8 cm)

Shipping:

- **Ship without batteries**
- **FCC ID:** Contains ID# Q639603N



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