



# F3 Mine & UXO Detector

The F3 incorporates all of the features of Minelab's unique, proven and highly renowned Multi Period Sensing technology into Minelab's new BiPolar technology.



## Features

- Selectable sensitivity through use of innovative 'Sensitivity Endcaps'
- Minimises risk of initiating magnetic influence mines
- Fully adjustable for operator comfort
- Fully enclosed and protected cables
- Fast and accurate pinpointing
- Water resistant to 3 metres
- RS232 port for data logging
- Adjustable search head
- Improved battery life
- Detachable Battery Pack
- Simple to operate, maintain and service

## Specifications



Operating Length	1500mm / 59.4in - 760mm / 30in	
Operating Weight	3.2kg / 7lbs	(F3UXO 4.1kg / 9lbs)
Operating Weight (Battery detached)	2.3kg / 5lbs	(F3UXO 3.2kg / 7lbs)
Battery Pack with Batteries	0.9kg / 2lbs	
Packed Weight (Hard Case)	10.5kg / 23lbs	(F3UXO 17.7kg / 39lbs)
Transmission	Multi Period Sensing – BiPolar	
Audio Output	Internal Speaker Earset (Options: 1. Speaker ON / 2. Speaker OFF)	
Water Resistant	IP67	
Batteries	4 x D Cell (Alkaline or Rechargeable)	
Data Output	RS232	
Operating Temperature	-30°C to +60°C / -22°F to +140°F	
Design Standard	MIL STD 810 F	
Intelligent Multi Charger (optional)	Battery Charger	

As a world leader in metal sensing technology, Minelab strives to continually improve its product range. Minelab reserves the right to introduce changes to the design, technical features and accessories of this product.

## Intelligent Multi Charger

The Intelligent Multi Charger (IMC) is a robust, intelligent, fast charging device designed to charge 'C', 'D', 'AAA' and 'AA' cell rechargeable batteries. The user initiated conditioning (discharge before charge) facility allows the cycling of batteries if required.

The IMC has been designed for global portability, and can operate from a wide range of power sources. Automatic detection of input power allows the IMC to run from 100 V to 240 V AC mains and generator supplies without the need for user intervention.



Intelligent, Robust, Cost Effective

4907-0502-3 Brochure, CM 4P A4 F3 mine and UXO

### Effective

Capable of detecting all metal and minimum metal mines at full sensitivity regardless of the mineralised content of soil.

### Rugged

Constructed from impact resistant materials and designed to survive in any operating environment.

### Easy to Use

No complicated switches or dials to distract or confuse an operator.

### Safe

Designed to prevent an operator accidentally reducing sensitivity - provision of a 'Confidence Tone' during operation and comprehensive Built-In-Test systems to monitor and confirm detector functionality.

### Sensitivity Endcaps

Select Endcap to change sensitivity.

-  Black – Maximum sensitivity for detection of minimum metal mines.
-  Red – Minimum sensitivity for detection of large or UXO targets.



## Sensitivity Endcaps



**Black** – Maximum sensitivity for detection of minimum metal mines.



**Red** – Minimum sensitivity for detection of large or UXO targets.



**Yellow** – Customised sensitivity for specific applications.

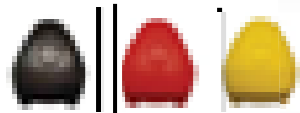
## F3L

### (Light Emitting Diodes)

The F3L is a modified F3, which includes an LED display, and volume controls located on top of the handle assembly.



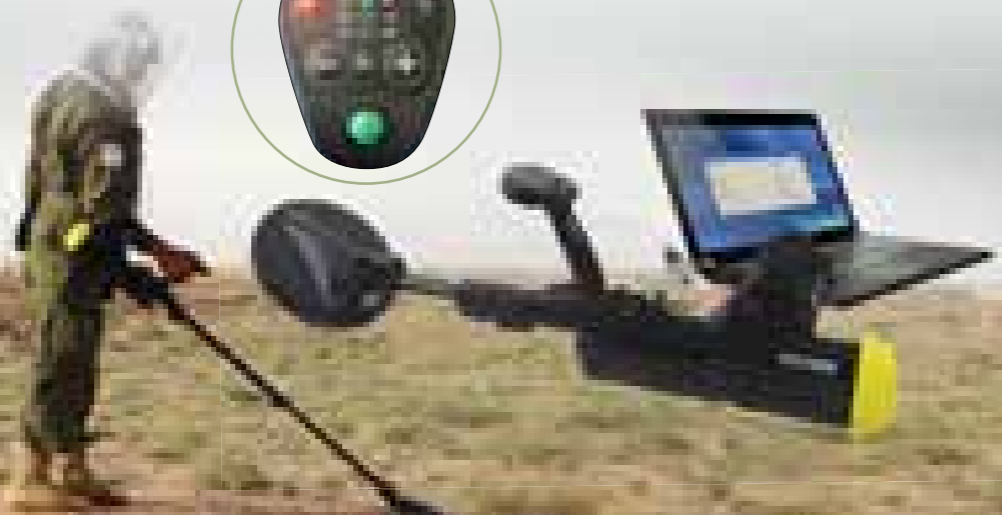
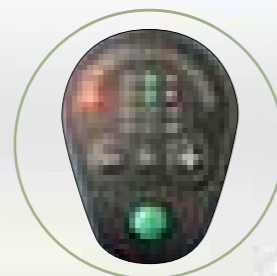
## F3S



### (Sensitivity Adjustment)

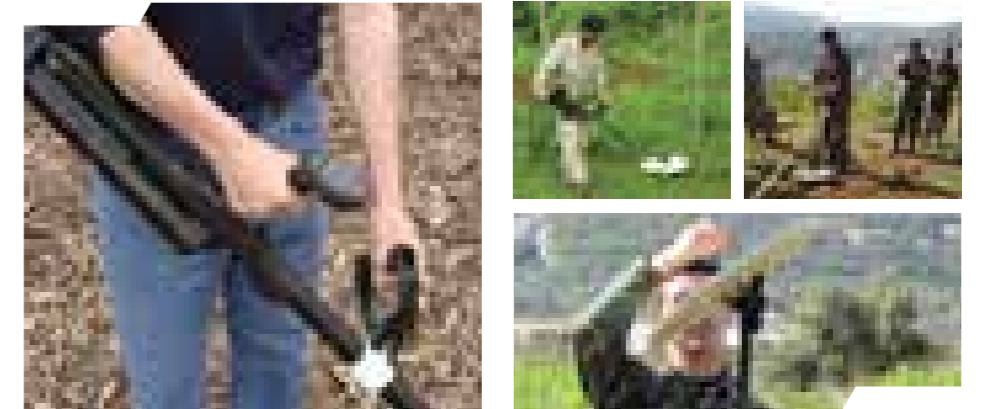
The F3S and F3LS are modified F3 and F3L detectors. The S configuration permits a user to customise the sensitivity of the detector via a laptop computer using Minelab supplied software. The advantage of the S configuration is the ability to maximise detector performance in specific ground conditions, against a specific mine threat and within areas of electromagnetic interference. The customised sensitivity is only functional when using a dedicated Yellow Endcap.

## F3LS



## F3UXO Detector

The F3UXO is an F3 detector (F3, F3L, or F3LS) fitted with a 450mm coil suitable for UXO detection and battle area clearance operations.



## F3UXO



### F3UXO

The F3UXO coil is interchangeable with the F3 200mm mine detector coil.

### Handle

Additional Guide Arm for operator comfort.

### Carry Bag

Soft carry bag (optional hard case also available)