



# WESTMINSTER

## INTERNATIONAL LTD

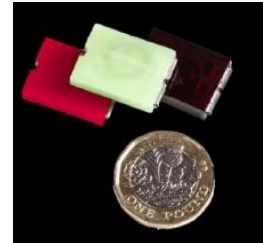
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## WG Advanced Illuminated Marker



The most obvious effect of darkness or when conditions are at their worst is reduced visibility. During an operation, the reduced visibility affects many aspects of command, including the ability to preserve control, execute movement, firing, maintenance of direction, reconnaissance, security and mutual support.

To assist in the command and control of these operations the Advanced Illuminated Marker is the answer.

The WG Advanced Illuminated Marker is the next evolution in marking of routes, areas or objects. It can give direction, a safe guidance or mark an area of danger. The tablets come in a variety of colours. They give a clear constant reference point and are highly visible at night, in both overt and covert modes of operation. At normal conditions during the night the WG AIM is clearly visible at 50 metres.

### STANDARD FEATURES

The WG Advanced Illuminated Marker tablets are contained in a cartridge which is conveniently mounted within the trigger. When the trigger is depressed it activates the tablet. Illumination times per tablet, 48 hours before the light is extinguished or until you turn it off.

- Each cartridge carries 10 tablets. The tablet illumination colour is clearly seen through the side of the cartridge.
- Tablets are easily loaded into the cartridge and then it is simply inserted into the trigger
- The trigger has been designed to be lightweight and easy to use, just squeeze the trigger to eject an illuminated tablet.
- To turn off the tablet simply touch the off contacts onto metal. The tablets are now available for use again simply by placing back into the cartridge.

### OPERATION OF THE PRODUCT

- Insert tablets into the cartridge. Remove the cover, pull the pusher plate towards the back of the cartridge and insert the tablets.



- Hold the rubber bung down and insert the cartridge into the trigger.



- Push the cartridge in until it clicks and locks into place.



- Push the rubber bung into the back of the trigger, it is now ready for use



- Squeeze the trigger to activate and eject the illuminated tablet



- When the trigger is fully depressed the illuminated tablet will fall to the ground.



## BENEFITS

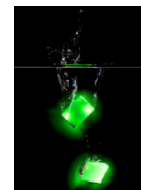
- 10 Pcs AIM tablet system
- Activation and deactivation capability
- Cartridges are colour coded
- Easy to use
- Longer illumination times compared to industry standards (up to 36 hours)
- Minimal weight compared to industry standards
- Reduced volume compared to industry standard (50-80%)
- Reloading of cartridge with AIM tablets
- Simple to deploy
- Tablets are available in a cartridge or in a bulk package
- Tablets are available with adhesive tape
- Tablets can be activated manually
- Trigger and cartridge are available in two sizes
- Waterproof



## TECHNICAL INFORMATION

### Individual tablets

- Tablet size: 20mm x 15mm x 5mm
- Tablet weight: 2.0 grams
- Tablet colours: red, infra-red, green, blue orange white
- Illumination times: 36 hours
- Switching: on and off
- Submersible: yes
- Radiated emissions: None
- Powered by: 3v button cell



### Trigger

- Assembled part number: ATR7000
- NATO Stock no: 7690-99-497-9783
- Dimensions: L130 x W37 x H70mm
- Weight: 153 grams
- Material: glass filled nylon

### Cartridge

- Complete: Part Number A800018
- Body: Part Number A800019
- Lid: Part Number A80020
- Spring: Part Number A800021
- Push plate: Part Number A80022

### Tablets without sticky pad

- Infra-red
- Red
- Green
- Blue
- Orange
- White



### Testing has been completed as follows:

- Radiated emissions (30MHz to 1GHz): Passed
- 1.4 GHz to 2.7 GHz 3V/m: Passed
- Radiated immunity 80 MHz to 1GHz at 10V/m: Passed
- ESD 4kV contact and 8kV air discharge: Passed