



## REDEFINING ASSET PROTECTION

**Art Guard®**

### JOINING OBJECTS AND MAGNETS

Art Guard recently introduced Art Guard MAP, a patented security device designed to protect stationary objects, whether hanging or seated, regardless of size.

MAP consists of two components: the MAP sensor and tiny rare earth magnets that can be joined to virtually any stationary object while remaining hidden from view. During installation a relationship between the magnet and sensor is established. Any movement of the object/magnet or sensor triggers an alert to an alarm panel.



### MAP has several distinct advantages over other means of protection, particularly for curators and conservators.

**Enhanced viewer access** The MAP system offers powerful, invisible protection, especially to very small objects. Pieces that have traditionally been confined to vitrines or otherwise obscured from intimate viewing can be openly displayed and alarmed to signal any attempt at tampering or theft.

**Authentic presentation** Objects, particularly in settings like historical and house museums, can be presented with historical accuracy and still be alarmed. In the case of tight groupings, a single sensor can often protect numerous small objects.

**No battery contact** The MAP sensor contains two coin batteries, but unlike many other security devices the MAP sensor is never in contact with a work of art. Other security devices, such as vibration and motion sensors, are attached directly to works of art and run the risk of battery leakage and corrosion damage.

### Rare Earth Magnets

The MAP system utilizes rare earth magnets that are joined to the work of art being protected. There are numerous safe and secure ways to attach the magnets. Methods of attachment depend upon the traits of the object(s) being protected, such as composition of materials, size, shape and placement.

All of the magnets are nickel-coated, corrosion resistant and highly polished to prevent abrasions.

The magnets come in a wide variety of shapes and sizes. They can be as tiny as a drop of water, which allows for the protection of small, delicate and otherwise un-protectable objects such as a feather quill or single coin.

Due to complications from magnetization, Art Guard does not recommend using the MAP system to protect watches.

### Agents for Joining Works of Art and Rare Earth Magnets

**Museum wax** Microcrystalline, acid-free, inert wax is a simple and gentle connector for a wide variety of works of art. It functions to join the object and magnet, and it also acts as a barrier for works that may require a buffer from even non-corrosive metals like nickel. Museum wax is safe to use on wood, marble, crystal, glass, ceramic and porcelain.

**Cotton Thread Magnets** with holes can be attached to jewelry, textiles, tapestries and costumes with natural cotton thread.

**Suspension Magnets** can be adhered to acid-free cotton rag board and the board can be tension set into the concave hollow of an object.

**Magnetic Works** of art that contain ferromagnetic ore (predominantly iron) will naturally cause magnetic attraction with the rare earth magnets. Some metal objects, such as firearms, produce their own magnetic fields and can function as the magnet.

**Resting** In hollow works, such as vessels, the magnet can simply be placed inside.

**Archival Rag Board** In some cases, such as with textiles, magnets can be placed on either side of an object to attract each other. Rag board can be used as a barrier between the textile and magnets.

**Tape** A pH neutral linen tape can be used to surround the magnet for additional surface protection.

The MAP sensor, which is normally on the wall, under a platform, plinth, table, desk, shelf, etc., can be secured with museum wax, tape or Velcro.

**Art Guard** was founded by people from the art community who are sensitive to the care and protection of valuable assets. We welcome your ideas and input. Contact us for more information at 212.989.1594 or [info@artguard.net](mailto:info@artguard.net).