

FERRALERT™ HALO II

The Best FMD for Zone IV Protection

The Latest Advancement in Ferromagnetic Detection for MRI Safety

FerrAlert™ Patented Technology provides the most precise, reliable detection and prevention of ferromagnetic threats from entering Zone IV. FerrAlert™ detectors are recognized to be the most accurate ferromagnetic detectors for MRI due to their exclusive location-specificity feature. FerrAlert™ detectors have been independently tested to be the most sensitive in real-world MRI environments.



Visual Advanced Warning activated as ferrous objects approaches the portal

With Enhanced Sensitivity and new Visual Advanced Warning Technology, FerrAlert™ HALO II will bring our customers an unparalleled ease of use and satisfaction.

FerrAlert™ Unique Features:

NEW - INTELLIGENT VISUAL ADVANCED WARNING alerts on the approach of ferromagnetic threats to Zone IV, well before the portal is reached. The greater the threat, the further away the pre-warning is activated. The audio alarm is activated only at the threshold if the advanced visual warning was ignored. Ferrous objects not approaching the entrance to Zone IV do not trigger an audible warning. *(A ferrous object is not a threat until it tries to enter the Magnet Room)*

INSTANTLY PINPOINTS LOCATION OF FERROMAGNETIC OBJECT, allowing the Technologist to quickly and easily identify the location of all ferromagnetic threats - NO invasive pat-down or handheld detectors required.

ESCALATING ALARM STATUS IS ALWAYS VISIBLE from both *inside and outside* the MRI room, allowing the Technologist *full control* of the room at all times. Control of access into Zone IV is required by the ACR and The Joint Commission, as well as other MRI Safety organizations.

PATENTED TECHNOLOGY SUPPRESSES FALSE WARNINGS while providing the **HIGHEST SENSITIVITY** to ferromagnetic threats. This technological advancement reduces alarm fatigue and increases throughput. The use of 24 sensors ensures uniform sensitivity and detection reliability from head to toe, left and right.

DESIGNED AND MANUFACTURED IN THE USA

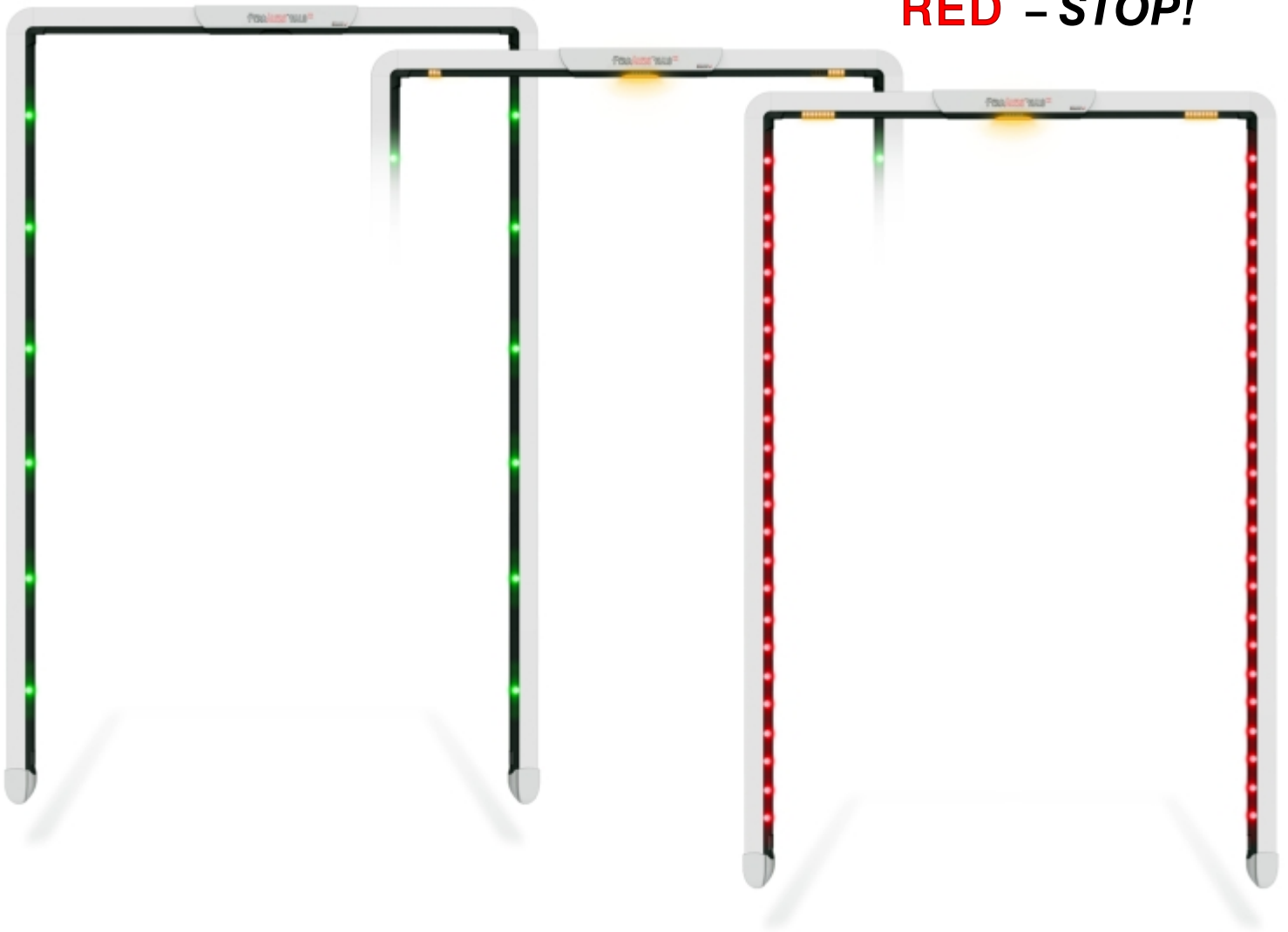


EASILY UNDERSTOOD STATUS INDICATORS

GREEN – Go

YELLOW – Warning

RED – STOP!



- The **GREEN** LED HALO array illuminated around the MRI entrance indicates that the detector is scanning and there are *no ferromagnetic threats* detected.
- A **YELLOW** beacon light indicates that a *threat is approaching* the portal.
- The **RED** LED HALO array flashes the entire portal, indicating a *major threat* such as a ventilator or oxygen cylinder approach the portal.

The greater the threat, the further away the warning is activated.

Ferrous objects not approaching the entrance to Zone IV *do not* trigger an audible warning.

Only FerrAlert™ has *intelligent advanced warning* prior to entry

Only FerrAlert™ *pinpoints the location* of projectile threats

Only FerrAlert™ is *viewable from both inside and outside* the MRI room



FerrAlert™ HALO II shown *alarming and locating* a ferromagnetic object being carried by patient about to enter the Magnet Room. Location LEDs on either side of door opening pinpoint threat.

ACR and The Joint Commission require control of Zone IV at all times!

Unlike other detectors, ONLY FerrAlert™ allows the Technologist to have full control of the MRI room when working inside and can quickly pinpoint the location of the ferromagnetic threat.

OUR PRODUCTS ARE AVAILABLE THROUGH:

SIEMENS
SIEMENS HEALTHCARE USA

WE ARE ALSO PROUD VENDORS TO:



GE Healthcare

PHILIPS
PHILIPS HEALTHCARE

FerrAlert™ Additional Features:

CONTINUOUS MAGNETIC DISTURBANCE MONITORING

provides instant feedback by 2 highly visible integrated bar graphs

MOST FLEXIBLE INSTALLATION

for all facility architectural layouts. Mounts unobtrusively with both *in-swing* and *out-swing* doors

ALARM INDICATOR LIGHTS NOT BLOCKED BY AN OUTWARD SWINGING DOOR

SAFE, PASSIVE DETECTION

no electromagnetic radiation, RF radiation, or magnetic field

ADJUSTABLE SENSITIVITY AND AUDIO ALARM LEVELS

CONFORMS TO ALL APPLICABLE RECOMMENDATIONS AND STANDARDS

including FDA, ACR, AAMI, Joint Commission, FGI and VA

18 DETECTION ZONES

for ACCURATE and FAST locating of a ferromagnetic threat

COMPREHENSIVE SELF TEST FUNCTION

for hospital periodic maintenance requirements as well as piece of mind

SELECTABLE ENTRY CHIME

to alert staff of MRI entrance ingress

REMOTE ALARM CAPABILITY

optional remote audio or visual alarm

FERRALERT™ APPROVED PATIENT TRANSPORT EQUIPMENT

will not trigger an alarm

Specifications

Dimensions: Height 83" (211 cm), Depth 2.25" (5.7 cm)

Adjustable Width: 42" (107 cm) to 52" (132 cm) Inside; 47" (119 cm) to 57" (145 cm) Outside

Complies with ES60601-1-8 International Standards for Medical Device Alarms

Complies with IEC 60101-1:2005 Medical Device Specification Requirements

Medical Power Supply: 100 to 240 VAC, 47 to 63 Hz, 42 Watts

Sensitivity: Adjustable

Audio Alarm: In Portal

Photoelectric Beam: Activates Alarm Function mode when moving object enters the Portal



FerrAlert™ HALO II - IMEDCO exclusive Built-In configuration.

All FerrAlert™ products are available through IMEDCO - Worldwide

KOPP → **Development Inc.**

Phone 772-225-6932

Toll Free 888-838-KOPP (5677)

Web Address: www.koppdevelopment.com

Email: info@koppdevelopment.com HALO II rev 121217 page 4 of 4