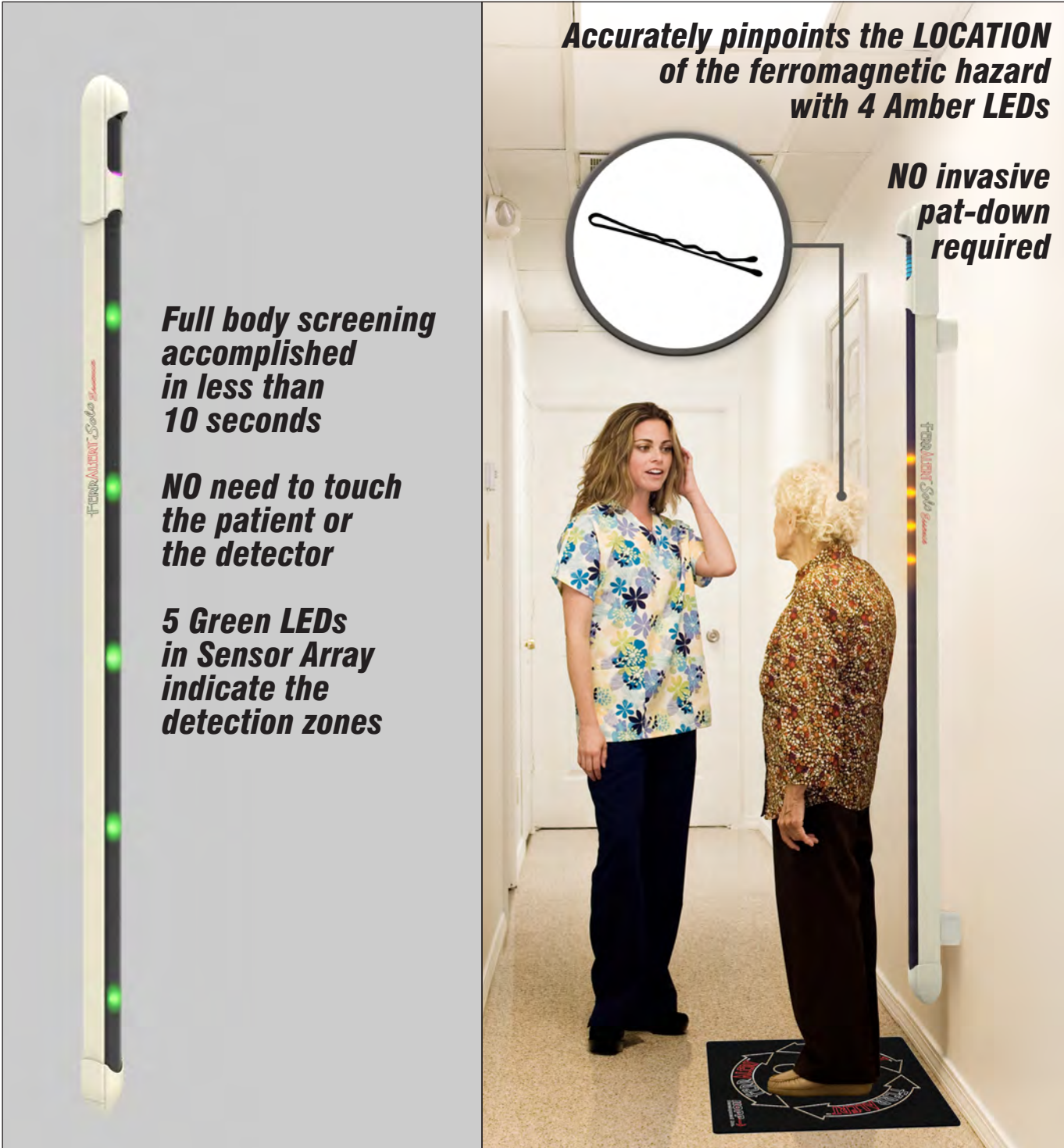


# FERRALERT™ Solo Essence

The Most Effective, Affordable and Fast  
Ferromagnetic Screener for MRI Safety



**Full body screening accomplished in less than 10 seconds**

**NO need to touch the patient or the detector**

**5 Green LEDs in Sensor Array indicate the detection zones**

**Accurately pinpoints the LOCATION of the ferromagnetic hazard with 4 Amber LEDs**

**NO invasive pat-down required**

# FERRALERT™ Solo Essence

## Cost Effective Screening Technology for MRI Safety

- Full body screening in less than 10 seconds vs. several minutes as required with hand held FMDs and all competitive pillars
- Accurately pinpoints the specific location of ferromagnetic hazards anywhere on the body
- 10 proprietary sensors for uniform sensitivity; detects very small ferromagnetic objects and finds the risks that others miss
- No need for physical contact during screening, unlike hand held FMD screeners or pat-down procedures
- No-touch activation to comply with Infection Control
- Helps comply with The Joint Commission, ACR and international standards
- Reduces image artifacts; improves patient throughput
- Can be used with our patient transports
- Simple installation options

### OPERATION:

APPROACH FERRALERT SOLO DETECTOR. - 5 Green LEDs will illuminate.

MAKE A COMPLETE ROTATION.

IF A FERROMAGNETIC OBJECT IS LOCATED, 4 AMBER LEDs will flash at height of object.  
Remove object; repeat procedure until no alarms are activated.

### SPECIFICATIONS:

SENSITIVITY:.....0.75  $\mu$ Gauss (75p Tesla)  
NUMBER OF DETECTION ZONES:.....Five (5)  
HEIGHT OF UNIFORM SENSITIVITY: .....Greater than Five (5) feet  
HAZARD LOCATION INDICATORS: .....Four (4) amber flashing lights at height of ferromagnetic threat.  
AMBIENT MAGNETIC DISTURBANCE INDICATOR: ...Eight (8) blue bars  
FERROMAGNETIC HAZARD SENSITIVITY: .....Adjustable  
AUDIO INDICATOR:.....Selectable, adjustable volume  
ACTIVATION:.....Passive infrared  
POWER REQUIREMENT:.....100 to 240 VAC, 47 to 63 Hz, 30 watts  
DIMENSIONS: .....Height 74¼" (188 cm), Depth 2½" (6.5 cm), Width 2" (5 cm)  
MOUNTING:.....Wall Mounted – Easily Self Installed

### Conforms to ES60601-1-8 International Standards for medical device alarms

(Does not cause alarm fatigue. **No RED Alarm lights**, as color RED must ONLY be used in life threatening situations)

### Conforms to IEC 60101-1:2005 medical device specification requirements

(Ferromagnetic detectors are not considered to be medical devices; however, they are an integral part of the medical environment. As such, it is highly important that the power supply used in the detector complies with standards for medical equipment used by the FDA, UL, as well as agencies around the world)



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