

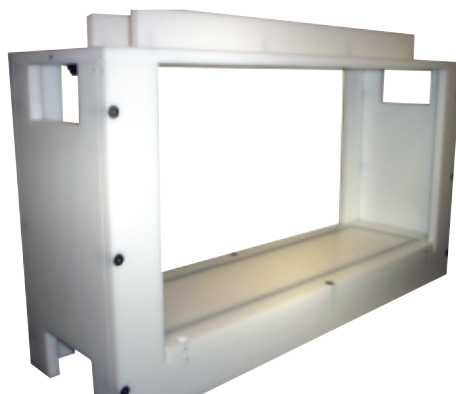

**and  
Hawk**

Eagle Coil  
for higher  
sensitivity

Control panel



**ERIEZ**  
**METALARM**  
METAL DETECTORS



Hawk Standard Coil

**Eriez** manufactures a range of search coils for use with the 3600 control unit.

All coils are manufactured in High Density Polyethylene and are fully screened to comply with with EU 'EMC' regulations.

## Sensitivity

Hawk Coil	Typically 5%+ of aperture height
Eagle Coil	Typically 2%+ of aperture height

Eriez can advise further on specific sensitivity figures if required.

## Optional Extras

- Exterior alarms
- Sack dropper
- Belt clip detector
- Metal locator indicator
- Coast counter
- Shaft encoder for variable belt speed
- 24VDC (7W) output
- 'Local/Remote on/off and sensitivity control
- High burden detector
- Report generation
- Healthy signal relay
- Thermostat
- Isolator
- Atex 22 compatibility
- Swing away top coil
- Mains filter

## Control Unit Specifications

MA3600 Control Units employ Eriez' proven 'Pulse Induction' circuitry. Controls other than the front door illuminated switch and indicator are PCB mounted to give high reliability and enable easy access for servicing. Add-On modular relays and other optional features are 'plug & play' for easy adaptability.

Housing Options	IP66 Steel Paint Finish – RAL 7032 IP66 Stainless Steel with anti-condensation heater (SS 304 – Standard SS 316 – Optional)
Dimensions	400 x 300 x 150mm
Weight	10kg
Mounting	4 Corner – Wall mounting

## Electronics

Microprocessor based electronics

Dual Channel as standard for metal and belt clip signals with coarse and fine sensitivity control

Self diagnostics and fault indication

Operating frequency control to suit different sensitivities

Belt speed control

Hardware and software filtering algorithm for enhanced noise immunity

20 segment LED signal display

## Output Relays

- ~ DETECT & FAULT are configurable
- ~ DETECT & FAULT operate in Standard or Fail Safe mode
- ~ Programmable DETECT output timed, direct or auto-reset
- ~ Optional Healthy signal relay
- ~ Rating, 5 Amps @ 30VDC or 250VAC

## Interconnection Cables

Hawk Coil

- ~ 5m supplied as standard
- ~ 10m and 20m are optional

Eagle Coil

- ~ 3m supplied as standard
- ~ 5m is optional

Voltage Supply

- ~ 100VAC - 240VAC 50 or 60 HZ
- ~ 15-24VDC

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