

# EAB Metal Detectors...

...used in operations worldwide to protect equipment and prevent metal objects from contaminating product.

- Aggregate
- Sand
- Recycling
- Brick
- Coal
- Wood
- Slag
- Cement

These units are available in either single probe or dual probe configurations depending on the application requirements. Compact design allows installation in almost any application. With over 3000 units in operation worldwide, these units have proven their longevity and reliability.

- ✓ Detects Both Ferrous and Non-Ferrous Metals
- ✓ Magnetite from Iron Oxide and Ore are Ignored
- ✓ Can Be Operated in Close Proximity to Frequency Converters
- ✓ Can Be Operated Near Magnets (Minimum Distance Only 6 Feet)
- ✓ Available in Either Single or Dual Probe Models
- ✓ Probe(s) Constructed of High Temperature PVC Plastic for Durability
- ✓ Special Secondary Sensitivity in Area of Metal Splice or Repair Clip
- ✓ Adjustable Primary Sensitivity During Operation
- ✓ Accepts Both 110 VAC and 220 VAC Single Phase Power
- ✓ Three Year Warranty



Green Light On - Normal Operation



Red Light On - Metal

## Technical Data

<b>Supply Voltage:</b>	Accepts Both 110 VAC or 220 VAC
<b>Power Input:</b>	15 VA
<b>Belt Speed:</b>	20 to 1170 ft/min
<b>Permissible Ambient Temperature:</b>	-13°F to +131°F
<b>Input:</b>	1 coaxial cable, probe
<b>Output Metal Signal:</b>	1 Siemens cradle relay with 2 floating changeover contacts, switching capacity 220 V, 6 A resistive load, switchable between normally relaxed mode and normally activated mode
<b>Housing:</b>	IP 55 or 65 enclosure protection, sheet steel with electrophoretic dip coating. Stainless steel available upon request.
<b>Installation:</b>	Wall-mounting
<b>Weight:</b>	20 lbs (9 kg) - QLC unit 40 lbs (18 kg) - SQ unit
<b>Single Probe Units Comprised of:</b>	1 control unit, 1 probe, coaxial cable x 32 feet with plug and installation accessories
<b>Single Probe Installation:</b>	2 inches clearance between loaded belt and probe
<b>Dual Probe Units Comprised of:</b>	1 control unit, 2 probes, 2 spacers with terminal box, coaxial cable x 32 feet with plug and installation accessories
<b>Dual Probe Installation:</b>	2 inches clearance between loaded belt and lower probe unless otherwise specified
<b>Certification:</b>	ISO 9000

*Note: Product subject to change*

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