

# 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 of 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 Operations**



**Red Light ON – Metal**

## Technical Data

<b>Supply Voltage:</b>	110 VAC / 220 VAC
<b>Power Input:</b>	15VA
<b>Belt Speed:</b>	20 – 1170 FPM
<b>Permissible Ambient Temperature:</b>	-13°F - +131° F
<b>Input:</b>	1 – Coaxial Cable
<b>Output Metal Signal</b>	1 Siemens cradle relay w/ 2 floating changeover contacts switching capacity 220V. 6A resistive load, switchable between normal mode & activated mode
<b>Housing:</b>	<b>IP 55-65</b> enclosure protection. Sheet steel with electrophoretic dip coating, Stainless Steel available upon request
<b>Installation:</b>	Wall Mounting
<b>Weight:</b>	20 lbs. (QLC) - 40 Lbs. (SQ)
<b>Dual Probe Units: Comprised of:</b>	1 control unit, 2 probes, 2 spacers with terminal box, 32 feet coaxial cable with plug & installation accessories
<b>Installation</b>	2 Inches Clearance between loaded belt & lower probe unless otherwise stated.

### QLCTA Series Dual Probe:

\* Best Sensitivity: 7/8" Nut at Middle of Aperture Opening

**CERTIFICATION: ISO 9000**

*Note: Product Subject to Change*

# MCR Technologies Group, Inc.