

# MECTRON

High Speed Inspection Systems

# MI8500

## Digital Eddy Current Inspection and Sorting System

### Inspection for:

- Heat treat (hardness)
- Case depth
- Material mixes
- Wire seams
- Induction hardening

### Sorting for:

- Mixed parts
- Missing and short threads
- Missing part features
- Part length
- Gross part damage

### Advantage:

- No moving parts
- Five minute setups
- Windows XP based
- Touch screen

### Specifications:

110V-220V AC  
Automatic gating  
Alarm beacon  
Weight: 205 Kg  
Height: 149 cm  
Width: 76 cm  
Length: 104 cm



Magnetic Imagery™ is an advanced digital eddy current technique which provides a means of creating a unique signature that is displayed on the touch screen. Each individual part processed will display its own distinct metallurgical characteristic. The MI8500 stores an acceptable signature and develops a “good” pattern or Shadow Gate™. Parts that do not conform to the acceptable pattern are removed from the system by a reject gate.