RENS METAL DETECTORS By: LACEY-HARMER CO.

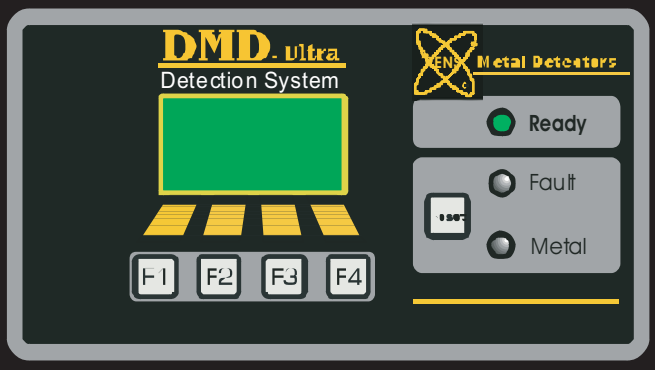
DMD - Ultra Control Instrument

The new RENS metal detectors of the DMD-Ultra series demonstrate what is achievable in metal detection technology today. They also demonstrate the features characterizing the best metal detectors available.

As the electronic control and evaluation unit, the DMD-Ultra is the core component of this equipment series. The DMD-Ultra can be used in the following applications:

- **Conveyor Fed**
- **Gravity Fed**
- **Pipeline**

Additionally, it can provide the controls for the rejection mechanism if desired.



CABINET DIMENSIONS AND TECHNICAL DATA

Dimensions:	9" (240mm) x 12"(315mm)
Weight:	12 lbs (5kg)
Connecting cable:	50 ft (15m)
Mains Cable:	1.8M (6 ft) with plug (integral EMV filter)

PERFORMANCE CHARACTERISTICS

- Digital signal processing and quartz-stable search frequency.
- Microprocessor-controlled, self-monitoring, self-balancing, temperature-compensated.
- Multi Filter system- digital filters ensure optimum stability and operation in harsh environments.
- Highest sensitivity for all metals .
- Link to processing software or PLC- the system can electronically signature the location of metal in the product-sending the information to the process software and/or PLC.
- Dye Marking System - accurately marks contaminated area (optional).
- Automatic or manual reset in case of metal detection.
- Remote maintenance is possible by way of Central Intelligence Management and a modem.
- Set-up memories store the system data when the electronic unit or the battery is replaced.
- Network capable- Allows connection to all RENS DMD Metal Detectors from a central mill location.
- Touch Pad Controls are wash down safe.
- Touch Pad Controls provide easy to use menu driven commands.
- CE certified.
- 4 level password protection (user, master, supervisor, service).
- Virtually eliminates outside interference such as variable frequency drives and two way radios avoiding false or nuisance trips.
- Double Half Wave (DHW) increases noise immunity during normal operation in a stop and go conveyor.