



Part Number Description

MDA 400 Handheld Data Collector/Analyser for rolling element bearing fault detection.

Features: -

- Collect and store up to 500 scheduled or unscheduled data points.
- Stored data may be flash or wireless uploaded to Windows XP PC running the Bearing LifeGuard software for trending and further detailed analysis.
- Works with a standard industrial grade 100 mv/g, 24 volt constant current accelerometer with a typical 18/20 kHz mounted resonance.
- Built in barcode scanner.
- Three level password access.
- Immediate - stand alone - Bearing information condition prognostics.
- Analysts trend display of Condition, Life, Level diagnostic discriminants.
- Supervisory control of passwords, schedules, machine assembly trees.
- Entry of supervisor/manager \$ value estimate of cost of catastrophic failure.
- Bearing life expectancy adjustment for % contribution of DF and BC.
- Machine-assembly individual of refinement coefficients.
- Visual zoom display of time and frequency waveforms for analyst.
- Scheduled or unscheduled data collection routes.
- DB Utility for assembly definition - including Organisation, Facility, Building, Floor, Room, and Point ID.
- Flex/rigid - Mounting ISO standard low frequency level compensation.
- Machine rotational speed.
- Variable speed digital noise rejection with user selected upper and lower notch frequencies.
- Automatic first and second order gear mesh noise rejection.
- Accelerometer sensitivity adjustment. 1mv/g to 10 volts/g.
- Bearing condition over 50% POF fault alarms.
- Excessive low frequency force alarms.
- Tab selected displays - time, frequency, demodulation with zoom.
- User informational note pad.



\$6,995 plus GST

Included System Components: -

- Unitec 962** Handheld computer with built in keyboard and Barcode Scanner (http://ute.com/products_info.php?pc1=88&pc2=173&rbu=5&pid=459 for specs).
- MDA 101** Bearing LifeGuard software operating system (Windows XP) and DB Utility SQL database system.
- MDA 103** NI PCMCIA 100 kHz DAQ A/D converter.
- MDA 104** NI DAQ software operational software package.
- MDA 105** PCMCIA adaptor BNC/Ni DAQ with 24 volt, 2ma constant current Accelerometer power supply.
- MDA 106** Coil cord cable (6ft). MS 2 pin to BNC (male) for Industrial Accelerometer.
- MDA 107** 100 mv/g Industrial grade Accelerometer.
- MDA 110** Battery charger.
- MDA 112** Holster type Carrying Case.
- Optional Component: -**
- MDA 111** High strength super magnet.