

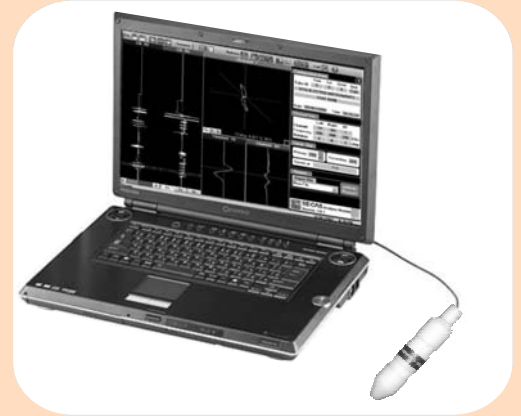


# **EDDY CURRENT TESTING DIVISION PRODUCTS AND SERVICES**



## **CURRENT RANGE PROBES**

- **STRAIGHT PROBES**
  - \* INCOLOY 800 - STEAM GENERATOR
  - \* MONEL - STAND BY COOLER
  - \* CUPRO - NICKEL
  - \* ADMIRALITY BRASS
  
- **FLEXIBLE PROBES**
  - \* INCOLOY 800 - STEAM GENERATOR
  
- **SPECIALITY PROBES**
  - \* SURFACE PROBES FOR CHANNEL GAP MEASUREMENT



## **NEW GENERATION PROBES**

- \* FLEXIBLE PROBES FOR OTHER MATERIAL AND APPLICATION
- \* DETACHABLE COIL HEADS
- \* MRPC

## **DATA ACQUISITION STORAGE AND ANALYSIS SYSTEMS COMPATIBLE WITH EARLIER GENERATION OF ECT EQUIPMENT**

- **DATA ACQUISITION**
  - \* 8 CHANNEL DATA ACQUISITION AT 1KHz SAMPLING
  - \* TWO REALTIME SCROLLING STRIP CHARTS WITH ONE XY PLOT.
  - \* TWO MIX CHANNELS WITH REALTIME DISPLAY
  - \* REALTIME THRESHOLD CHECKING FOR ALARM
  
- **DATA ANALYSIS AND REPORTS**
  - \* DISPLAY SCREENS
    - ★ TWO STRIP CHART, ONE XY PLOT AND ONE EXPANDED STRIP CHART
    - ★ 8 SELECTABLE STRIP CHARTS.
    - ★ CALIBRATION CURVE - PHASE V/S DEFECT
  - \* ADJUSTABLE SIGNAL PARAMETERS (ROTATION, SCALE, ETC.)
  - \* MEASUREMENT OF SIGNAL AMPLITUDE
  - \* UPTO 4 MIXER CHANNELS FROM A COMBINATION OF ANY 2 CHANNELS.
  - \* LOW PASS FILTERING WITH SELECTABLE CUT OFF FREQUENCY
  - \* REPORTS IN PLAIN TEXT FORMAT CAN BE EXPORTED TO STANDARD PACKAGES LIKE ACCESS OR EXCEL.

***Creating Solutions For Challenging Needs !***

## Other Products

- Supervisory Remote Control & Data Acquisition Systems - Total turnkey.
- Remote terminal Units (RTU).
- Micro RTU.
- Microprocessor Based Equipments \_ MCB Monitors, Beetle Monitors, Temperature Scanner etc.
- Custom Built Electronic Equipments.
- Digital A.C. Ammeter.
- Digital A.C. Voltmeter.
- Digital Volt, Amp, & Watt Meter - class 0.5/0.2.
- Position Indicating Transducers.
- Static Energy Meters.
- Digital Flow Meters.
- Digital Power Monitor Cum Controllers.

## UNDER DEVELOPMENT

### DUAL FREQUENCY ECT MACHINE COMPATIBLE WITH THE DATA ACQUISITION SYSTEM

#### ➤ FEATURES

- \* FREQUENCY RANGE MAIN CHANNEL F1 = 1 KHZ TO 1 MHZ.
- \* FREQUENCY RANGE AUX CHANNEL F2=F1 /2 OR F 1/4.
- \* BALANCING MODE AUTO AND MANUAL
- \* AUTO MODE BALANCING WITH A SINGLE BUTTON WITH INDICATION OF NULLING PARAMETERS
- \* GAIN 0 TO 74 DB IN 1 DB STEPS
- \* PHASE ROTATION 0 TO 360 DEG. IN STEPS OF 1 DEG
- \* OUTPUT TO  $\pm 10V$
- \* ABSOLUTE AND DIFFERENTIAL MODE FOR BOTH CHANNELS

### 4 FREQUENCY ECT MACHINE COMPATIBLE WITH THE DATA ACQUISITION SYSTEM

#### ➤ FEATURES

- \* FREQUENCY RANGE ON ALL CHANNELS F = 1KHZ TO 1 MHZ.
- TWO MODES OF FREQUENCY INJECTION ARE USED
1. TDM FOR FREQUENCIES ABOVE 10 KHZ
  2. SIMULTANEOUS FREQUENCIES FOR CHANNEL 1 FREQUENCIES BELOW 10 KHZ. WITH MULTIPLICATION FACTORS OF 1/2 AND 1/4 FOR OTHER CHANNELS
- FREQUENCIES BELOW 10 KHZ. WITH MULTIPLICATION FACTORS OF 1/2 AND 1/4 FOR OTHER CHANNELS
- \* BALANCING MODE AUTO AND MANUAL
  - \* AUTO MODE BALANCING WITH A SINGLE BUTTON WITH INDICATION OF NULLING PARAMETERS
  - \* GAIN 0 TO 74 DB IN 1 DB STEPS PHASE ROTATION 0 TO 360 DEG. IN STEPS OF 1 DEG

### MINIMUM SYSTEM REQUIREMENTS

LAPTOP, PC AN IBM PC OR COMPATIBLE RUNNING AT 300 MHz, 64Mb RAM, SVGA DISPLAY AT 800 X 600 OS WINDOWS 95 / NT OR HIGHER.

