



EDDY CURRENT TESTING DIVISION PRODUCTS AND SERVICES

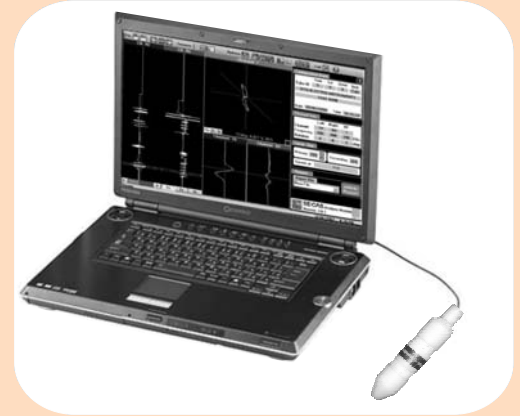


CURRENT RANGE PROBES

- **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.

