

Reliable Data acquisition Logging System for Pharma and Food Industry



Manufacturing of :

- Data Scanners /Loggers
- Temperature/RH Transmitters
- Loop Powered Indicators
- Temperature Sensors

Services For :

- Annual Maintenance Contract
- Onsite Calibration Services
- PC Interface with SCADA software

**Visit Our Factory
for Live Demo**



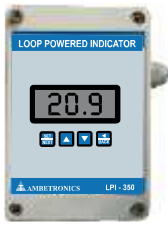
MAKE IN INDIA



RANGE OF TEMP./RH TRANSMITTERS & LOOP POWERED INDICATORS

LOOP POWERED INDICATOR - LCD

LPI-350-WP



- 4-20mA Loop Current Input & Output

- Range : -1999 to 1999

LOOP POWERED INDICATOR - LCD

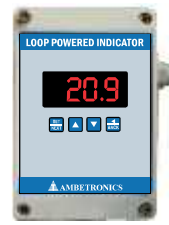
LPI-350-FLP



- IP - 65
- CMRI approved

LOOP POWERED INDICATOR - LED

LPI-400-WP



- 4-20mA Loop Current Input & Output

- Loop Voltage Drop < 5 VDC

- Accuracy $\pm 0.1\%$ of span

LOOP POWERED INDICATOR - LED

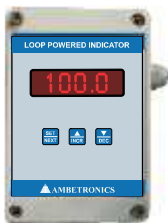
LPI-400-FLP



- IP - 65
- CMRI approved

LOOP POWERED INDICATOR - LED

LPI-450-WP



- Range -999 to 9999

- Provision for Alarm Indication

LOOP POWERED INDICATOR - LED

LPI-450-FLP



- IP - 65
- CMRI approved

LOOP POWERED INDICATOR - LED

LPI-500-WP



- Range -19999 to 99999

- Loop Voltage Drop < 4.8 VDC

LOOP POWERED INDICATOR - LED

LPI-500-FLP



- IP - 65
- CMRI approved

LOOP POWERED TEMPERATURE TRANSMITTER

TMP-215-WP



- Universal type Input : RTD, J, K, R, S

- Loop powered 4-20mA O/P

LOOP POWERED TEMPERATURE TRANSMITTER

TMP-215-FLP



Magnetic Pen for Programming

- IP - 65
- CMRI approved

TEMPERATURE + HUMIDITY INDICATOR

TRH-100-WP



- Battery operated
- 1 year battery life (9V, Alkaline)

- Accuracy : $\pm 0.5^\circ\text{C}$, $\pm 2\%$ RH,

- IP-65

TEMPERATURE + HUMIDITY INDICATOR

TRH-100-FLP



Magnetic Pen for Programming

- Accuracy : $\pm 0.5^\circ\text{C}$, $\pm 2\%$ RH,
- 1 year battery life (9V, Alkaline)
- Battery operated • IP-66

LOOP POWERED HUMIDITY LED TRANSMITTER

TRH-107-WP



- 24VDC operated

- Loop powered 4-20mA O/P

- IP-65

LOOP POWERED HUMIDITY LED TRANSMITTER

TRH-107-FLP



- 24VDC operated
- IP - 65
- CMRI approved

LOOP POWERED HUMIDITY LCD TRANSMITTER

TRH-107-WP



- Loop powered 4-20mA O/P

- IP-65

LOOP POWERED HUMIDITY LCD TRANSMITTER

TRH-107-FLP



- 24VDC operated
- CMRI approved
- IP - 65

TEMPERATURE & HUMIDITY LED TRANSMITTER

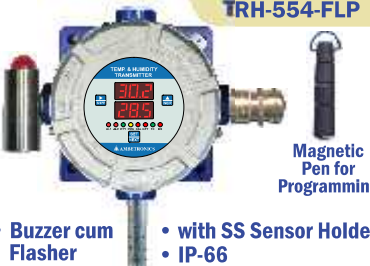
TRH - 554 - WP



- 4-20mA O/P
- Relay O/P
- RS-485 O/P
- IP-65

TEMPERATURE & HUMIDITY LED TRANSMITTER

TRH-554-FLP



Magnetic Pen for Programming

- Buzzer cum Flasher
- with SS Sensor Holder
- IP-66

TEMPERATURE & HUMIDITY LCD TRANSMITTER

TRH-555-WP



- 4-20mA O/P
- Relay O/P
- RS-485 O/P
- IP-65

TEMPERATURE & HUMIDITY LCD TRANSMITTER

TRH - 555 - FLP



Magnetic Pen for Programming

- with SS Sensor Holder
- IP-66

TEMPERATURE & HUMIDITY CONTROLLER

TRH-307-PM



- Relay O/P
- RS-485 O/P

RTD / THERMOCOUPLES SENSORS ASSEMBLY



FLP/WP Hooter cum Flasher

FLP/WP Hooter



JUNCTION BOX- JB-400FLP/JB-200-WP

JUNCTION BOX



DATA SCANNERS / DATA LOGGERS / DATA ACQUISITION SYSTEM & SOFTWARE

TC-800- DATA SCANNER / LOGGER

TC-800-PM



- 8 Channel Fixed I/P Pannel Mount
- 2 Relay common O/P
- Memory Record 5000 readings
- RS-485

TC-800 DATA SCANNER / LOGGER

TC-800-WP



- 8 Channel Fixed I/P Wall Mount
- 2 Relay common O/P
- WeatherProof Enclosure
- RS-485
- IP-65

TC - 800 DATA SCANNER / LOGGER

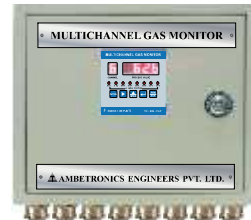
TC-800-FLP



- 8 Channel Fixed I/P Wall Mount
- 2 Relay common O/P
- FlameProof Enclosure
- RS-485
- IP-65

MULTICHANNEL GAS MONITOR (8 CH.) METAL HOUSING

TC-800-MS



- 8 Channel Fixed I/P Wall Mount
- 2 Relay common O/P
- MS Panel
- RS-485

UNIVERSAL DATA SCANNER/LOGGER

UIP-800-PMH



- USB Pen drive
- Memory Record 8000 readings
- 8 Channel Universal I/P

UNIVERSAL DATA SCANNER/LOGGER

UIP-800-PMV



- USB Pen drive
- Memory Record 8000 readings
- 4 Relay O/P
- RS-485
- Serial Port for Printer

UNIVERSAL DATA SCANNER/LOGGER

UIP-800-WP



- USB Pen drive
- Memory Record 8000 readings
- 4 Relay O/P
- RS-485
- IP-65

UNIVERSAL DATA SCANNER/LOGGER

UIP-800-FLP



- Memory Record 8000 readings
- 4 Relay O/P
- RS-485
- IP-65

UNIVERSAL DATA SCANNER/LOGGER

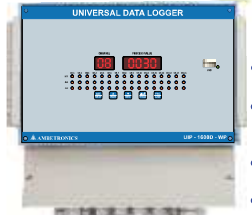
UIP-1600-PMH



- USB Pen drive
- Memory Record 8000 readings
- 16 Channel Universal I/P

UNIVERSAL DATA SCANNER/LOGGER

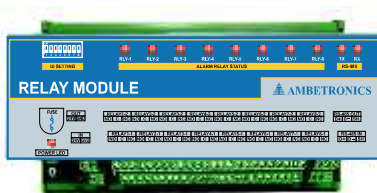
UIP-1600-WP



- USB Pen drive
- Memory Record 8000 readings
- 4 Relay O/P
- RS-485
- Serial Port for Printer

EXTERNAL RELAY MODULE

UIP-800/1600



INTELLIGENT MONITORING SYSTEM

IM-48XX - WP



- No. of Channels :
- 8 Channel
- 16 Channel
- 32 Channel
- RS-485 - O/P
- Display Size :
- 4.3"
- 7"

• USB for Data down loading (Optional)

MINILOGGER INTELLIGENT LOGGING SYSTEM

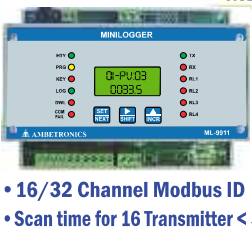
ML-9911-FLP



- 16/32 Channel Modbus ID Monitoring
- RS - 485 Modbus RTU Port
- Six Lakhs Records
- Scan time for 16 Transmitter < 5 sec. 32 Transmitter < 10 sec.

MINILOGGER INTELLIGENT LOGGING SYSTEM

ML-9911-WP



- 16/32 Channel Modbus ID Monitoring
- Scan time for 16 Transmitter < 5 sec. 32 Transmitter < 10 sec.

- RS - 485 Modbus RTU Port
- Six Lakhs Records

INTELLIGENCE ALARM MODEM

TIXI



- Mobile phone network GSM/GPRS
- RS-485/Ethernet/WLAN
- Remote Maintenance
- Data Logging

SMS & VOICE CALL FUNCTIONALITY FOR REMOTE MONITORING

GSM

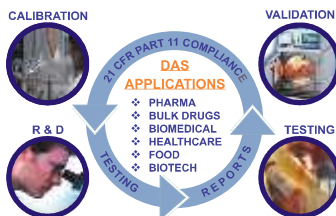


- 4 Inputs (Programmable NO or NC)
- 4 Voice Messages
- 4 SMS Messages
- 10 Tel Nos for Voice Message Reporting

'SMARTLOG 2000' 21 CFR PART 11 COMPLIANCE SOFTWARE (VER. 1.0)



SMARTLOG
21 CFR PART 11
COMPLIANCE
SOFTWARE



Must For Your Process

- Electronic Records
- Multi Instruments Applications
- Multi User Level
- Electronic Signature
- Report Accessible from Excel, ETC.
- Easy & Intuitive Supervision software
- Electronic Standard Operating Procedures (SOPs)
- Fo & MKT value calculation

'SMARTLOG 2000' 21 CFR PART 11 COMPLIANCE SOFTWARE (VER. 2.0)

- Online & Logged Data
- Various Combination of Graphs
- Non Temperable data report
- Multi Instruments Applications
- Alarm Report
- Historical view
- Report Accessible from Excel Rtf, ETC.
- Easy and Intuitive Supervision Software



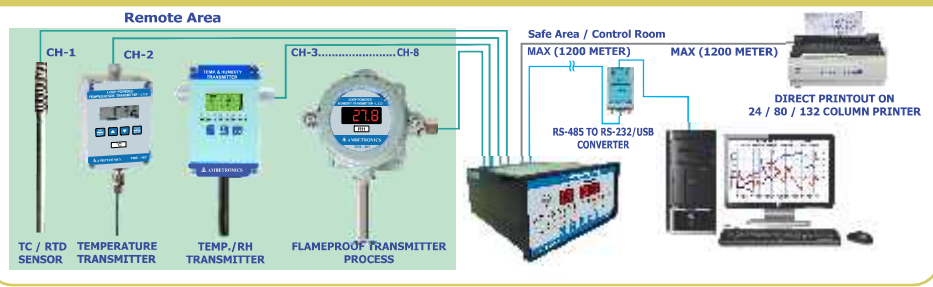
EXAMPLES OF MIMIC FOR VARIOUS PLANT PROCESS



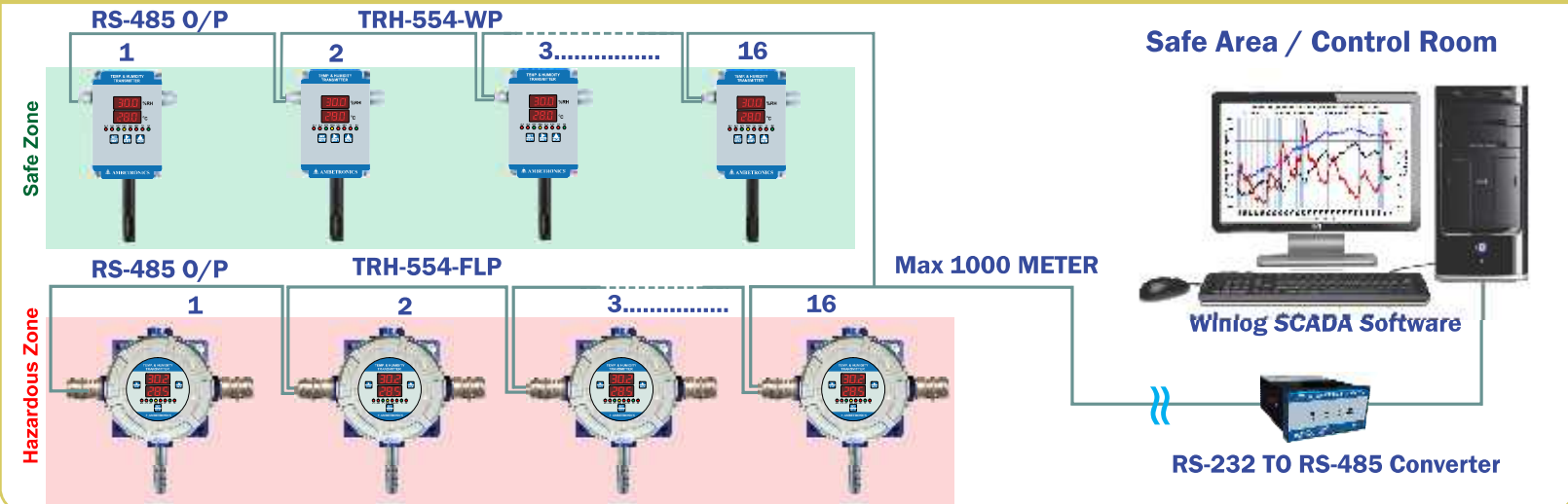
8 CHANNEL DATA SCANNER WITH MULTIDROP FACILITY



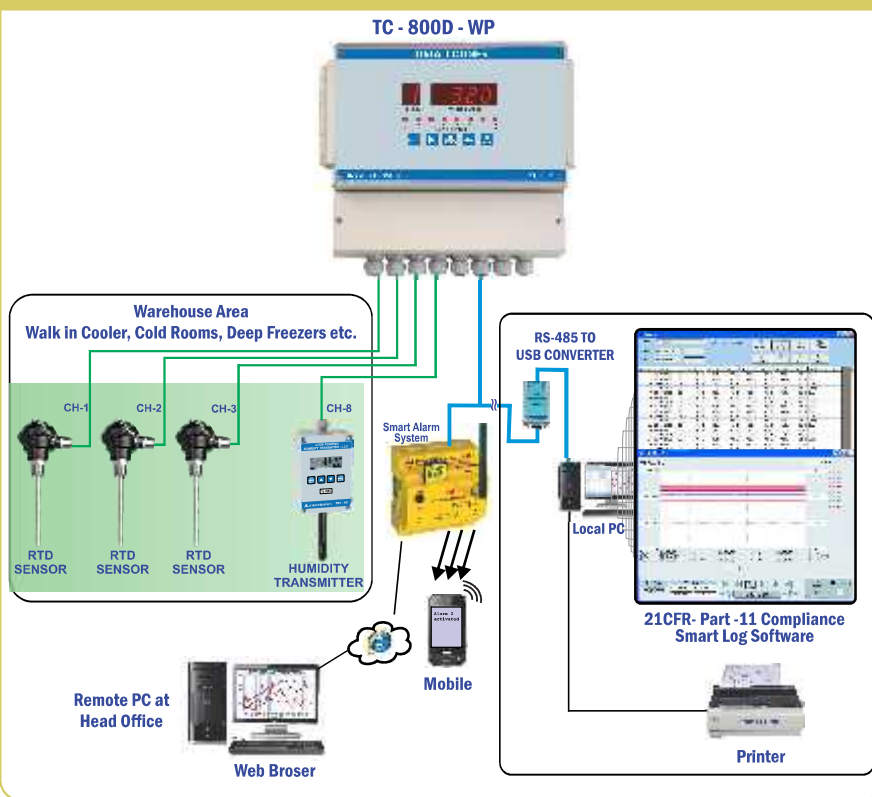
ILLUSTRATION OF 8 CHANNEL UNIVERSAL DATA SCANNER / LOGGER



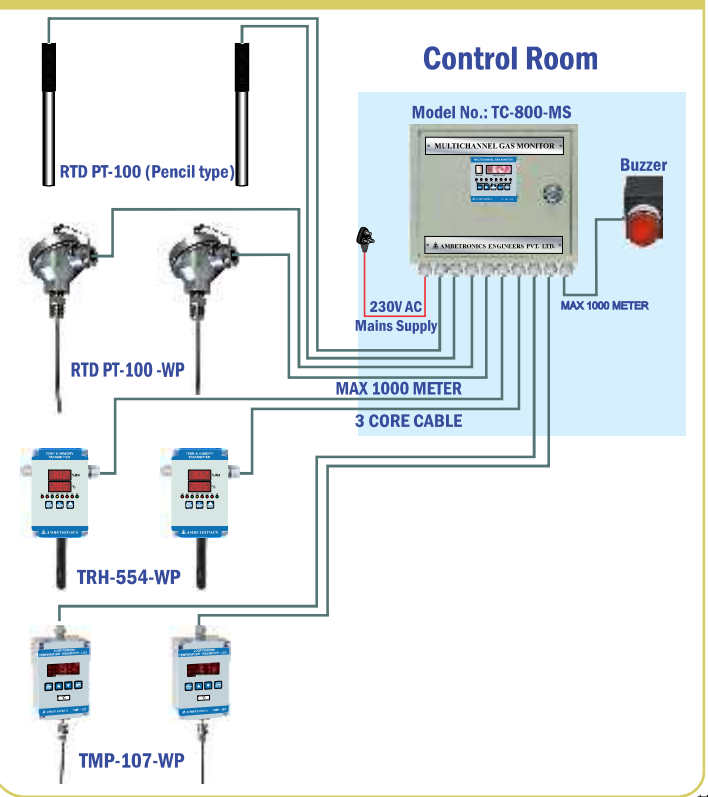
MULTIDROP MODBUS RTU PROTOCOL RS-485 PORT 1000 MTR. MAX. (UP TO 32 NOS.)



CENTRAL WAREHOUSE MONITORING SYSTEM



MULTICHANNEL TEMPERATURE MONITORING SYSTEM



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