



# ON-LINE GAS MONITORING SYSTEM FOR POWER TRANSFORMERS

## GasMon G2+

- **Measurements:**

- ✓ Hydrogen: 0 – 2000 PPM  $\pm 15\% \pm 25$  PPM (BY TWO INDIVIDUAL SENSORS)
- ✓ Carbon Monoxide: 0 – 2000 PPM  $\pm 15\% \pm 25$  PPM (BY TWO INDIVIDUAL SENSORS)
- ✓ Moisture: 0-100 PPM  $\pm 3$  PPM
- ✓ Oil Temperature: - 20 TO +100 °C  $\pm 2^{\circ}\text{C}$  .

- **Measuring/Recording Interval:** 20 Minutes.

- **Ambient Temperature:** - 20 TO +55 °C.

- **Protection Degree:** IP55

- **Display:** Graphic LCD 128x128 Pixels  
(For displaying measured values, Date and Time and active Alarms)

- **Outputs:**

- ✓ 3 Analog outputs ( 4-20 mA) for Measured values
- ✓ 2 relay outputs programmable for alarms (level 1 and Level 2)
- ✓ 1 relay output for system functioning

- **inputs:**

- ✓ 4 Analog inputs (4-20 mA) for other measures from Transformer

- **Communication:**

- ✓ RS485 /TCP IP for communication with control room
- ✓ GSM Modem for remote communication
- ✓ USB port for local communication
- ✓ Keyboard for local setting/reading
- ✓ 4 LEDs indicating alarms and functioning status of the system

- **Power Supply:** 110-240 V AC, 150 W Max

- **Dimension:** Length 305 mm, Diameter 210mm

- **Weight:** ~6200 Grams

- **Installation:** On a 38mm Diameter valve

- **Other Specifications:**

- ✓ Membrane gas separation with negative pressure tolerance
- ✓ Saving measured values on SD memory for Transformer life duration
- ✓ Recording of all the Events from/to the system
- ✓ Modularity in electronics and power supply
- ✓ Flexibility in software's and settings.
- ✓ Alarms and Functioning signals(LED)
- ✓ OIL Sampling port for laboratory DGA

