

The logo for TESTAM, featuring the word "TESTAM" in a bold, italicized, yellow font with a black outline.

*WE SOLVE MEASUREMENT PROBLEMS*

**presents**



**Environmental Monitoring**



# Environmental Monitoring Modules

# Vaisala WXT536 Weather Transmitter

- Six in one solution
  - Barometric pressure
  - Humidity
  - Precipitation
  - Temperature
  - Wind speed
  - Wind direction
- Compact & lightweight
- Accurate & reliable



# Tipping Bucket Rainfall Gauge

- Sturdy construction stainless steel jacket, copper collector anodised aluminum base
- Dual output reed switches
- Measures 0-500mm rain per hour
- Accuracy of
  - $\pm 2\%$  to 200mm/hr;
  - $\pm 3\%$  up to 380mm/hr



# Temperature Probes

- Measure temperature in air, water, soil, snow, ice, etc.
- Can be used in fresh and sea water up to depth of 30 metres
- Linear probes (LM34) range & accuracy: -17.8° to 100°C,  $\pm 1.5^{\circ}\text{C}$
- Thermistor probes range & accuracy:
  - -30° to 100°C,  $\pm 0.1^{\circ}\text{C}$



# Wind Speed and Direction Instrument

- High performance RM young sensor
- Wind Speed range and accuracy:  
0 to 100 m/s,  $\pm 0.3\%$  or 1% of reading
- Wind Direction azimuth and accuracy:  
0-360° mechanical, 355° electrical,  $\pm 3^\circ$



# Humidity and Temperature Probe

- Outdoor humidity and temperature measurements
- Very accurate, long term stability and negligible hysteresis
- Small diameter
- The probe has the proven HUMICAP® 180R humidity sensor
- Pt100 RTD temperature sensor



# Pyranometers Apogee

This generation sensor head design includes:

- Self-cleaning dome-shaped head
- Excellent cosine response
- Calibrated silicon-cell photodiode sensor accurate to  $\pm 5\%$ , under clear sky conditions
- Easily integrates with Unidata Starlog loggers and Neon Remote Terminals.





# Pyranometers EKO

- The ML-01 is an industrial grade solar sensor specially made for the meteorological, agricultural and environmental studies

