



APM7000

Online Cable PD Monitoring System

With adopting this system, insulation problems due to faulty construction, degradation of cable insulator due to electric and mechanical stress can be found at initial stage to prevent various electrical accidents.

❖ Characteristics

- 1) Can be applied to diagnose cable degradation as well as after-laying test
- 2) High Sensitivity measuring function : less than 2pC
- 3) Excellent in removing on-site noises
- 4) Calculate defects location with pulse shape and time difference
- 5) Can be applied for cable commissioning test

❖ Specifications

Sensitivity	≤2pC
Detecting Frequency Band	1~50MHz
Sampling Rate	100Ms/s (Each PD and Noise)
Pulse Detection Resolution	10nsec
Input Channels	8 Channels (PD 6, Noise 2)/ 1 Ext. Sync
PD Analyzing Method	Frequency Domain Analysis Time Domain Analysis Time of Arrival Analysis
Measurement Mode	Real time Mode Continuous Measurement Mode
PD Analysis	PRPD/PRPS PD Pattern Analysis Frequency Analysis by Filter or Tuner Pulse Shape Analysis PD Location Mapping
Dimension (H x W x D)/ Weight	668mm x 560mm x 200mm / 29kg
Power	AC 100~240 V, 50~60Hz
Operating Temperature	-10 ~ +60 °C
Communication	TCP/IP over Fiber Optic/ Support IEC61850