Portable PD measurement System APM7000

With adopting this system, insulator 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 diagnosis cable degradation as well as after-laying test
2) High sensitivity measuring function : less than 5pC
3) Excellent in removing on-site noises
4) Possible defects location with pulse shape and time difference
5) Can be applied for cable commissioning test

Specifications

Sensitivity	≤1pC
Detecting Frequency Band	1~200MHz
Sampling	100MS/s(Each PD and Noise)
Pulse detection resolution	10ns
Input Channels	8 Channels (PD 6, Noise 2) / 1 Channel(External Sync.)
PD Analyzing Method	Frequency domain analysis Time domain analysis Time of Arrival analysis
Measurement Mode	Real time Mode Continuous Measurement Mode Automatic Measurement Mode Enable to monitor the PD without PC
PD Analysis	PRPDA PD Pattern Analysis using Neural Network Frequency Analysis by FIR Filter Pulse Shape Analysis PD Location mapping
Dimension/Weight	300 x 260m x 100mm / 4kg

Related other accessories

Synchronization Sensor	Rogowski Sensor (0~4.3kHz)	For detecting sync.
Battery pack	DC 12V, 20Wh	Portable Battery
Calibrator	5~500pC	Charge injector

APM BEYOND POWER