



PD Monitor™

Partial Discharge (PD) monitor, recorder and analytical system

The world's most successful PD monitoring instrument

PRODUCT CODE: PDM03CF

Benefits

- Locates and quantifies single and multiple sources of PD activity
- Produces highly accurate assessments of asset condition
- Essential for fault analysis and failure predictions
- Non-intrusive PD monitoring means no lost production
- Continuously monitors up to 12 locations simultaneously
- Records variations caused by changes in the operating environment for up to six months
- Effectively screens out external interference
- User-friendly analytical software provides essential management information

Fact: 85% of disruptive failures in HV/MV assets are PD related

Fact: The PD Monitor™ is the world's most effective tool for analysing PD-related faults and predicting failures



The PD Monitor™ works by measuring Transient Earth Voltage signals (TEV), given off when insulation material in high voltage assets degrades – a sure sign of potentially damaging PD activity. Data is gathered over time and can be analysed to produce a highly accurate picture of the condition of assets.

Features

DATA GATHERING

- Continuously monitors up to 12 locations simultaneously, using full precedence detection technology
- Indicates variations caused by changes in the operating environment, such as voltage surges, temperature and humidity
- Stores data on CompactFlash® cards

ANALYSIS & REPORTS

- Includes user-friendly PC data analysis software
- Built-in modem for remote data access
- Optional upload service for expert data analysis and condition reports by EA Technology

EASY TO USE

- Ready to deploy kit, complete with probes, aerials and carrying case
- Graphic display clearly shows PD activity
- Easy to transport between sites and set up



Accessories and options

PD Monitor™ accessory kit

- * Probes x 8
- * Aerials with bases x 4
- * Magnetic clamp x 12
- * Tie wrap clamp x 4
- * 15m cables x 12
- * USB Card Reader x 1
- * CompactFlash® cards x 2
- * Test cable x 1
- * Accessories case x 1

PRODUCT CODE: PDM03-KIT



PD Monitor™ Calibration Service

We recommend annual recalibration of the PD Monitor™ in our factory. Have your instrument calibrated by us after the first 12 months and we will give you an extra 12 months warranty for FREE

PRODUCT CODE: PDM03-CAL.



EA Technology ISI Limited
Capenhurst Technology Park
Capenhurst
Chester
CH1 6ES

t. +44 (0) 151 347 2339
f. +44 (0) 151 347 2139
instruments@eatechnology.com
www.eatechnology.com
A member of the EA Technology Group

