PFM
FLUX MONITOR

SPECIFICATIONS:

Dimensions:	4 ⅛" x 2 ⅜" x ⅞"
Case:	ABS plastic, integral belt clip
Display:	Ten segment LED
Battery:	9 Volt
Battery Life:	Greater than 1000 tests
Weight:	5 oz.
Packaged:	Single unit or 24-unit bulk pack
Shipping Wt.:	8 oz. per single pack, 9 lbs. per bulk pack.

They can fail—or be disconnected or altered. Regardless of the cause, the result is the same: A watt hour meter with an open or modified potential element costs an electric utility *lost revenue*.

A watt hour meter that's not functioning properly is often undetectable in normal meter reading procedures. And checking out potential element problems has normally required expensive in-service tests by trained meter department personnel. Until now.

SIMPLE...AND INSTANTLY EFFECTIVE

The POTENTIAL FLUX MONITOR (PFM) field tests multi-element meters instantaneously and accurately...for failed or disconnected potential elements and single element meters for altered coils.

But here's the important difference in the PFM: the test is performed *without disturbing the meter installation*, making the test quick and simple. And the bright red 10-segment bar graph LED display can be read in sunlight or in the dark. The results can easily be interpreted by technical or non-technical personnel, with minimal training.

HOW PFM WORKS

The PFM is a hand-held, battery powered instrument that measures and displays the strength of the flux field induced by the voltage present in the potential elements of a meter. The instrument senses the flux field *outside the meter cover* in the proximity of each potential coil. The measurement's validity is unaffected by the load on the meter during the test—and the test can be performed on virtually all brands and types of electromechanical meters presently in service. The difference between energized and de-energized elements is readily apparent, even on three element meters... and single element meters with altered potential circuits are easily discerned from unaltered meters.

THE TEST PROCEDURE

Flux measurements are taken at the meter cover adjacent to each element of the meter, and the flux strengths are compared.

On normal meters, the flux level is relatively equal, even if the current flow is unbalanced. On multi-element meters, dissimilar readings indicate a disconnected or failed potential element. And on single element meters, a half-strength reading (as compared to the normal reading for that type of meter) indicates a probable alteration of the potential element circuit—and a possible safety hazard.

COST EFFECTIVE

The PFM is a sensitive, precision instrument that's easy to use and highly accurate in its output.

Find just one altered or failed meter and the unit will pay for itself. In addition, you can use it to save costly meter inspections to verify "zero reads" or to investigate failed potential indicating lamps.

Call today for information about this simple solution to revenue loss.

A PRODUCT OF

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