

Transformer Frequency Response Analyzer

General information about ADFR-6A Transformer Frequency Response Analyzer

ADFR-6A Transformer Frequency Response Analyzer detects transformer winding movements resulting from shipping damage,subjection to low impedance through faults,or general looseness of clamping structures brought on by normal effects of aging,in distribution and power transformers. It can reduce unplanned maintenance costs, and provide the possibility to improve system reliability by preventing outages.

Features:

- ✓ Windows operating system
- ✓ Simple wiring, easy to use.
- ✓ Simple and convenient management of test data.
- ✓ Access database to save test data.
- ✓ Using the most popular method of sweeping frequency to measure.
- ✓ 6kV or above transformer can be measured.
- ✓ The transformer can be tested even with no cover and dismounting.



Technical Specification of the device:

- Input impedance of acquisition channel: 1MW
- Quantization accuracy of acquisition channel: 12 bit
- Max. sampling rate of each channel: 20Msps
- Measuring range of sweep frequency: 10Hz-10mHz
- Max static error of the acquisition channel: 0.5%
- Max storage capacity of each channel: 64K sampling point
- Wide measuring dynamic range: -100dB-20dB
- Sweeping mode: Scaling Logarithmic or Linear

