

TH0475 High Frequency Voltage Isolation Buffer



1. Summary

TH0475 is a precision buffer specially used to convert high internal resistance signal into low resistance output. It has good AC-DC difference and phase shift performance. It is a necessary instrument for V/V and I/V precision converter output. It can Set up various automatic test systems to realize precise measurement of broadband voltage, current, phase, power and other electrical parameters.

2. Feature

- Voltage Input: 0.05 Vrms~1.2 Vrms
- Impedance Input : 5 M Ω
- Gain Value: 1
- Working Frequency Range: 100 kHz~1 MHz
- Battery-powered, the continuous working time after fully charged is not less than 7 hours.
- Small size and light weight, easy to carry and use on site.

3. Application

- Testing buffer output of coaxial shunt, V/V converter, I/V converter, etc.
- Precise measurement of broadband voltage, current, phase, power, etc.
- Transformer phase displacement measurement.
- Power quality analysis.
- Measurement application under low power factor.

4. General Specifications

Power Supply	Battery-powered, continuous working time is not less than 7 hours after fully charged
Temperature Performance	Working temperature: 13 °C ~ 33 °C; Storage temperature: 5 °C ~ 45 °C;
Humidity Performance	Working humidity: 50% R • H, non-condensing; Storage humidity: (15% ~ 80%) R • H, non-condensing.
Altitude	< 3000 m
Weight	About 1.5 kg
Input and Output Interface	Input: Type-N male connector Output: Type-N female connector
Maximum Dimensions	200 mm (W) × 120 mm (D) × 105 mm (H)