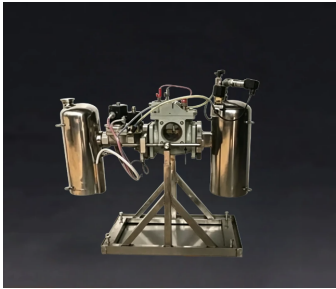


HF-RT-217

Buchholz Relay Tester



Buchholz Relay Tester simulates gas accumulation and oil surge conditions inside transformers. It accurately tests the action performance of Buchholz relays, widely adopted for factory inspection and on-site commissioning of power transformers.

Key features

- Adopts a 7-inch large touch screen system with intuitive operation and friendly interface.
- Compact design while guaranteeing test accuracy, convenient for on-site field testing.
- Optimized testing workflow; the test duration is reduced by more than half compared with similar domestic products.
- Comprehensive functions. It supports flow velocity, volume and tightness tests for QJ-25, QJ-50, QJ-80, QJ-50W, QJ-80W relays. Customized schemes are available for special imported relays.
- Flow velocity measuring range: 0 ~ 0.2 m/s, maximum allowable error ≤ 0.05 m/s, delivering twice the accuracy required by industry standards.

Technical specifications

Parameter	Value
Applicable Relay Models	QJ-25, QJ-50, QJ-80, QJ-50W, QJ-80W; Custom support for overseas special-type Buchholz relays
Flow Velocity Measuring Range	0 ~ 0.2 m/s
Flow Velocity Maximum Error	≤ 0.05 m/s
Gas Volume Measurement Error	$\leq 5\%$
Flow Velocity Gauge Resolution	0.01 m/s
Display Unit	7-inch touch screen
Air Supply System	Built-in independent miniature electric air compressor
Test Items	Oil surge flow velocity test, gas accumulation volume test, tightness test
Output Function	Automatic test, built-in micro printer for test record output
Measuring Principle	Instantaneous burst pulse pressure & pressure difference method
Compliance Standards	GB50150-2006, DL/T849.6-2004
Accessories	Special flow velocity measuring scales for QJ-25/50/80
Structure Feature	Compact lightweight design, suitable for laboratory and on-site field commissioning

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Warranty and support

12-month warranty on every exported instrument. English operation manual and remote video guidance at commissioning. T/T, L/C at sight and deposit terms for bulk orders; sea, air or rail shipping.