

# Miller Quick Check 3

Miller Instruments Ltd.

transformer tester



**T**ransformer

**Q**uick

**C**heck

Attach the leads

Select the test

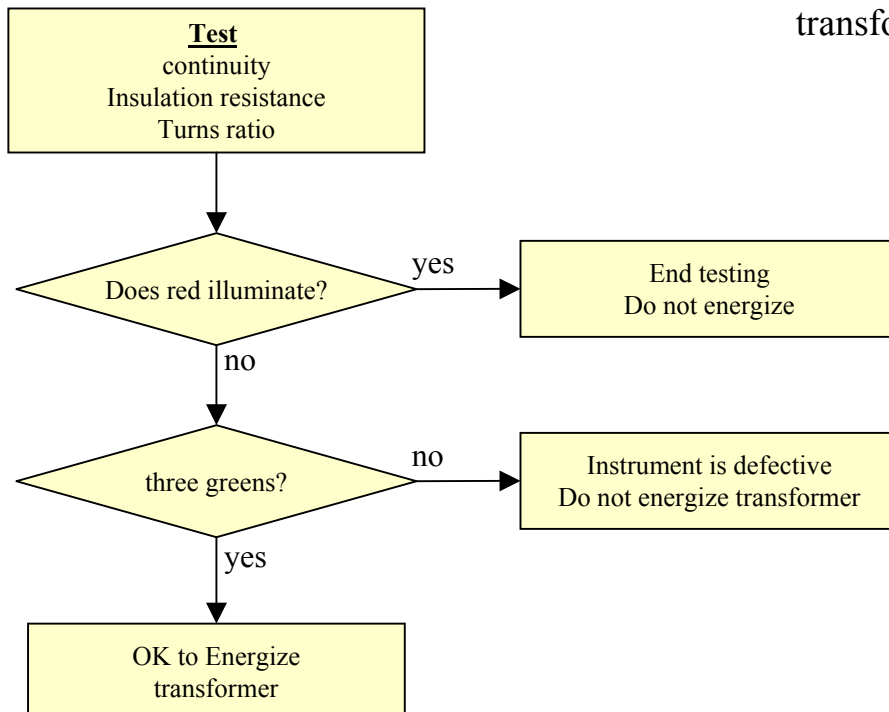
Push the button

The three tests are:

continuity

insulation resistance

transformer turns ratio



Introductory price  
\$1,950.00

## Quick Check 3 transformer tester

Miller Instruments Ltd.

preliminary specification

April 20, 2000.

insulation test

transformer turns ratio test

continuity test

“PASS” – green LED

“FAIL” – red LED

### Insulation Test

Test voltage:	1000VDC
Indicators:	“PASS” for over $100M\Omega \pm 5\%$ “FAIL” for under $90M\Omega \pm 5\%$
Test selections:	Between H-leads and Chassis Between X-leads and Chassis Between H-leads and X-leads

### Transformer Turns Ratio Test (TTR)

Test selections:	Primary: 19.9, 14.4, 7.2 and 2.4kV Secondary: 600, 480, 347, 240 and 120V
Test voltage:	40VAC (60Hz) to the primary coil
Indicators:	“PASS” when ratio is within $\pm 1\%$ of the nominal ratio “FAIL” when ratio is greater than $\pm 1\%$ the nominal ratio

### Continuity Test

Indicators:	“PASS” for less than $500\Omega \pm 5\%$ + audible buzzer. “FAIL” for more than $750\Omega \pm 5\%$
Test terminals:	Between $H_1-H_2$ $X_1-X_2$

### General

Test leads: (5 feet)	$H_1$ and $H_2$ -leads for primary winding $X_1$ and $X_2$ -leads for secondary winding GND lead for chassis
Power:	Rechargeable batteries (12VDC x 2pcs) (rechargeable with 120VAC)
Case:	13”(W) x 16”(L) x 7”(H)
Weight:	7.0 kg