

Transformer Tester



GTF-601



GTF-600

- * Up to 200kHz Test Frequency
- * Usable as a LCR Meter
- * Large 320 x 240 LCD Display
- * Full Programming Sequence Test
- * 20 Independent Switching Matrix
- * Ultra High 5000V Hi-pot Test (GTF-601)
- * Providing ARC Detection (GTF-601)

SPECIFICATIONS

| | | | | | |
|---------------------------------------|--|---|-----------------|-------------|-------------|
| DISPLAY | | LCD Display (320 x 240), Pass/Fail LED Red Indicator/Graphic/Sound. | | | |
| TEST FREQUENCY | | 50Hz~200kHz Programmable, 10Hz Resolution. | | | |
| TEST ITEMS (SYMBOL) | FREQUENCY(Hz) | VOLTAGE(V) | RANGE | UNIT | TYPE |
| DC RESISTANCE (DCR) | — | 2.5 Vdc | 1m ~ 100k | Ω | |
| AC RESISTANCE (ACR) | 50 ~ 200k | 0.01~2 Vrms | 1m ~ 100k | Ω | |
| INDUCTANCE (L) | 50 ~ 200k | 0.01~2 Vrms | 1μ ~ 100 | H | |
| L. INDUCTANCE (L.L.) | 50 ~ 200k | 0.01~2 Vrms | 1μ ~ 100 | H | |
| CAPACITANCE (C) | 50 ~ 200k | 0.01~2 Vrms | 1p ~ 10m | F | |
| IMPEDANCE (Z) | 50 ~ 200k | 0.01~2 Vrms | 1m ~ 100k | Ω | |
| QUALITY FACTORY (Q) | 50 ~ 200k | 0.01~2 Vrms | 0 ~ 999.9 | — | |
| PHASE ANGLE (Θ) | 50 ~ 200k | 0.01~2 Vrms | 0 ~ 90.0 | ° | |
| TURNS RATIO | 50 ~ 100k | 0.1~10 Vpp | 0.001 ~ 999.999 | — | |
| INSULATION (IR) | — | 500~3000±5% Vdc | 1~1000 | MΩ | (GTF-601) |
| HI-POT (L. CURRENT) (I _L) | — | 500~5000±5% Vac | 0.1~10 | mA | (GTF-601) |
| HI-POT (ARCING) (I _A) | — | 500~5000±5% Vac | 0.1~30 | mA | (GTF-601) |
| LAYER SHORT (L/S) | — | 100~3000±5% Vpp | — | — | (GTF-601) |
| CONNECTIONS | A. 4-Terminal BNC Guarded Connections B. 20 Independent Test Channels C. DC Bias Current 0~1A (GTF-600 option) D. HV Ground Connection (GTF-601 only) | | | | |
| I/O INTERFACE | RS-232 Port, Printer Port, Remote Control Port | | | | |
| POWER SOURCE | AC 115V/230V ±10%, 50/60Hz | | | | |
| ACCESSORIES | Power cord x 1, Instruction manual x 1 20CH pneumatic fixture (GTF-002) for GTF-600 20CH pneumatic Hi-pot fixture (GTF-005) for GTF-601 4-terminal BNC kelvin clip x 1 (GTF-006) Foot switch (jack)(GTF-007) | | | | |
| DIMENSIONS & WEIGHT | 425(W) x 190(H) x 350(D) mm, Approx. 21kg | | | | |

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ISO-9001 & ISO-14001